



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 167560

TO: Louis V Wollenberger
Location: rem/3B61/2C18
Art Unit: 1635
Wednesday, October 12, 2005

Case Serial Number: 10/698311

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: 571-272-2527

Paul.schulwitz@uspto.gov

Search Notes

Examiner Wollenberger,

Please review the attached search results.

If you have any questions or if you would like to refine the search query, please feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
REM-1A65
571-272-2527

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STIC-Biotech/ChemLib

167580

mg

From: Wollenberger, Louis V.
Sent: Monday, October 03, 2005 2:04 PM
To: STIC-Biotech/ChemLib
Subject: Sequence search request (Patent Application No. 10/698311)

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STIC

October 3, 2005

Re: Application No. 10/698311

Hi:

Please carry out the following sequence search in the above identified application:

1. A score over length search of SEQ ID NO:311, looking for oligonucleotides 18-24 nucleotides in length that are at least 80% identical to the target sequence in SEQ ID NO:311.

Thanks,

Louis Wollenberger
Examiner, Art Unit 1635
REM-3B-61, Mailbox 2C-18
x2-8144

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 12, 2005, 14:15:39 ; Search time 0.001 Seconds
(without alignments)
1067.756 Million cell updates/sec

Title: us-10-698-311a-311

Perfect score: 1543

Sequence: 1 ggaatgagcattcgagcaga.....ataataatctgacatg 1543

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 17 segs, 346 residues

Total number of hits satisfying chosen parameters: 34

Minimum DB seq length: 18
Maximum DB seq length: 24

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 5000 summaries

Database : rgedb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	24	1.6	24 1	AR274094
2	24	1.6	24 1	AR274095
3	24	1.6	24 1	AR274101
4	24	1.6	24 1	AR274103
5	23	1.5	23 1	AR274098
6	20	1.3	20 1	AR274098
7	20	1.3	20 1	AX670638
8	19	1.2	19 1	AX383908
9	16.4	1.1	20 1	CQ763724
10	16.4	1.1	20 1	CQ763829
11	16.4	1.1	20 1	CQ763842
12	14.8	1.0	18 1	AR087071
13	14.8	1.0	18 1	AR294347
14	14.8	1.0	18 1	AX388097
15	14.4	0.9	18 1	ES1022
16	14.4	0.9	18 1	AR349888
17	14.4	0.9	18 1	AX012429
18	11	0.7	20 1	CQ763829
19	11	0.7	20 1	CQ763842
20	10.4	0.7	24 1	AR274094
21	10	0.6	20 1	CQ763724
22	9.6	0.6	18 1	AR294347
23	9.4	0.6	18 1	AX383946
24	9.2	0.6	19 1	AX383908
25	8.6	0.6	18 1	ES1022
26	8.6	0.6	18 1	AX349888
27	8.6	0.6	18 1	AX012429
28	8.6	0.6	24 1	AR274095
29	8.6	0.6	24 1	AR274101
30	8.4	0.6	24 1	AR274103
31	8.4	0.5	23 1	AR274098
32	8.2	0.5	20 1	AX670638
33	8	0.5	18 1	AR087071

34 7.8 0.5 18 1 AX838097

ALIGNMENTS

ACCESSION:AX838097

RESULT 1
LOCUS AR274094 24 bp DNA
DEFINITION Sequence 1 from patent US 6504080.
ACCESSION AR274094
VERSION AR274094.1 GI:29706069
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Van Der Putten,P.H.M.
TITLE Transgenic animal model for neurodegenerative disorders
JOURNAL Patent: US 6504080-A 1 07-JAN-2003;
FEATURES
Location/Qualifiers
1..24
/organism="unknown"
/mol_type="genomic DNA"

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Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 CGACGACAGTGTGTGTTAAAGAA 36
DB 1 CGACGACAGTGTGTGTTAAAGAA 24

RESULT 2
LOCUS AR274095 24 bp DNA
DEFINITION Sequence 2 from patent US 6504080.
ACCESSION AR274095
VERSION AR274095.1 GI:29706070
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Van Der Putten,P.H.M.
TITLE Transgenic animal model for neurodegenerative disorders
JOURNAL Patent: US 6504080-A 2 07-JAN-2003;
FEATURES
Location/Qualifiers
1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 526 AAGTGCTCAGTTCATGTGCCCA 549
DB 24 AAGTGCTCAGTTCATGTGCCCA 1

RESULT 3
LOCUS AR274101 24 bp DNA
DEFINITION Sequence 8 from patent US 6504080.
ACCESSION AR274101
VERSION AR274101.1 GI:29706076
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)

AUTHORS Van Der Putten, P.H.M.
TITLE Transgenic animal model for neurodegenerative disorders
JOURNAL Patent: US 6504080-A 8 07-JAN-2003;
FEATURES Location/Qualifiers
source 1..24
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/mol_type="genomic DNA"

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 526 AAGTGTCTCAGTTCATGTGCCCA 549
DB 24 AAGTGTCTCAGTTCATGTGCCCA 1

RESULT 4
LOCUS AR274103 24 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 10 from patent US 6504080.
ACCESSION AR274103
VERSION AR274103.1 GI:29706078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
AUTHORS Van Der Putten, P.H.M.
TITLE Transgenic animal model for neurodegenerative disorders
JOURNAL Patent: US 6504080-A 10 07-JAN-2003;
FEATURES Location/Qualifiers
source 1..24
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/mol_type="genomic DNA"

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 24 AAGTGTCTCAGTTCATGTGCCCA 1

RESULT 5
LOCUS AR274098 23 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 5 from patent US 6504080.
ACCESSION AR274098
VERSION AR274098.1 GI:29706073
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 23)
AUTHORS Van Der Putten, P.H.M.
TITLE Transgenic animal model for neurodegenerative disorders
JOURNAL Patent: US 6504080-A 5 07-JAN-2003;
FEATURES Location/Qualifiers
source 1..23
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/mol_type="genomic DNA"

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Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 GAAGGTTTCAAGACTACGAACC 459
DB 1 GAAGGTTTCAAGACTACGAACC 23

RESULT 6
LOCUS AX383946 20 bp DNA linear PAT 19-MAR-2002
DEFINITION Sequence 49 from Patent WO0214546.
ACCESSION AX383946
VERSION AX383946.1 GI:19577517
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Fritzsche, M.
TITLE Use of microbial dna sequences for the identification of human diseases
JOURNAL Patent: WO 0214546-A 49 21-FEB-2002;
FEATURES Fritzsche, Markus (CH)
source 1..20
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TAAATATATAAATCATGCTT 1088
DB 1 TAAATATATAAATCATGCTT 20

RESULT 7
LOCUS AX670638 20 bp DNA linear PAT 26-MAR-2003
DEFINITION Sequence 2 from Patent WO02054083.
ACCESSION AX670638
VERSION AX670638.1 GI:29292043
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.

REFERENCE 1
AUTHORS Plata-Salamon, C., Benjamin, D. and Ilyin, S.
TITLE Alpha synuclein aggregation assays
JOURNAL Patent: WO 02054083-A 2 11-JUL-2002;
FEATURES Ortho-McNeil Pharmaceutical, Inc. (US)
source 1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

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Best Local Similarity 100.0%; Pred. No. 3.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 528 GTGCTCAGTTCATGTGCC 547
DB 20 GTGCTCAGTTCATGTGCC 1

RESULT 8
LOCUS AX383908 19 bp DNA linear PAT 19-MAR-2002
DEFINITION Sequence 11 from Patent WO0214546.
ACCESSION AX383908
VERSION AX383908.1 GI:19577479
KEYWORDS
SOURCE Escherichia coli
ORGANISM Escherichia coli

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;

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REFERENCE          Enterobacteriaceae; Escherichia.
AUTHORS            Fritzsche,M.
TITLE              Use of microbial dna sequences for the identification of human
                  diseases
JOURNAL            Patent: WO 0214546-A 11 21-FEB-2002;
                  Fritzsche, Markus (CH)
FEATURES
  source            Location/Qualifiers
                  1..19
                  /organism="Escherichia coli"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:562"

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Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1070 AATAATAAAATCATGCTT 1088
Db      1 AATAATAAAATCATGCTT 19

RESULT 9
LOCUS      CQ763724          20 bp      DNA          linear      PAT 03-MAR-2004
DEFINITION Sequence 2342 from Patent WO2004003201.
ACCESSION  CQ763724
VERSION     CQ763724.1 GI:44906960
KEYWORDS
SOURCE      synthetic construct
            other sequences; artificial sequences.
REFERENCE   1
AUTHORS      Kane,C.D.
TITLE        Antisense modulation of lrh1 expression
JOURNAL      Patent: WO 2004003201-A 2342 08-JAN-2004;
            Pharmacia Corporation (US)
FEATURES
  source      Location/Qualifiers
            1..20
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            /db_xref="taxon:32630"
            /note="Human LRH1 antisense"

Query Match          1.1%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.3;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1140 TAATAGCCATTGGAAGAA 1157
Db      3 TAATAGTCATTGGAAGAA 20

RESULT 10
LOCUS      CQ763829          20 bp      DNA          linear      PAT 03-MAR-2004
DEFINITION Sequence 2447 from Patent WO2004003201.
ACCESSION  CQ763829
VERSION     CQ763829.1 GI:44907065
KEYWORDS
SOURCE      synthetic construct
            other sequences; artificial sequences.
REFERENCE   1
AUTHORS      Kane,C.D.
TITLE        Antisense modulation of lrh1 expression
JOURNAL      Patent: WO 2004003201-A 2447 08-JAN-2004;
            Pharmacia Corporation (US)
FEATURES
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/note="Human LRH1 antisense"

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Best Local Similarity 94.4%; Pred. No. 7.3;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1140 TAATAGCCATTGGAAGAA 1157
Db      1 TAATAGTCATTGGAAGAA 18

RESULT 11
LOCUS      CQ763842          20 bp      DNA          linear      PAT 03-MAR-2004
DEFINITION Sequence 2460 from Patent WO2004003201.
ACCESSION  CQ763842
VERSION     CQ763842.1 GI:44907078
KEYWORDS
SOURCE      synthetic construct
            other sequences; artificial sequences.
REFERENCE   1
AUTHORS      Kane,C.D.
TITLE        Antisense modulation of lrh1 expression
JOURNAL      Patent: WO 2004003201-A 2460 08-JAN-2004;
            Pharmacia Corporation (US)
FEATURES
  source      Location/Qualifiers
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Human LRH1 antisense"

Query Match          1.1%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.3;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1140 TAATAGCCATTGGAAGAA 1157
Db      2 TAATAGTCATTGGAAGAA 19

RESULT 12
LOCUS      AR087071          18 bp      DNA          linear      PAT 07-SEP-2000
DEFINITION Sequence 21 from patent US 5985664.
ACCESSION  AR087071
VERSION     AR087071.1 GI:10013837
KEYWORDS
SOURCE      Unknown.
            Unknown.
ORGANISM     Unclassified.
REFERENCE   1 (bases 1 to 18)
AUTHORS      Baker,B.F. and Cowseert,L.M.
TITLE        Antisense modulation of Sentrin expression
JOURNAL      Patent: US 5985664-A 21 16-NOV-1999;
            Location/Qualifiers
FEATURES
  source      1..18
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            /mol_type="unassigned DNA"

Query Match          1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      488 GTTCTTGAGATGCTG 505
Db      1 GTTCTTGAGATGCTTG 18

RESULT 13
LOCUS      AR294347          18 bp      DNA          linear      PAT 12-JUN-2003

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DEFINITION      Sequence 6082 from patent US 6537751.
ACCESSION       AR294347
VERSION         AR294347.1 GI:31681631
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       Unclassified.
AUTHORS         1 (bases 1 to 18)
TITLE           Cohen,D., Chumakov,I. and Blumenfeld,M.
                Biallelic markers for use in constructing a high density
                disequilibrium map of the human genome
                Patent: US 6537751-A 6082 25-MAR-2003;
                Location/Qualifiers
                1..18
                /organism="unknown"
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Query Match      1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 GACAGTGTGCTGAAG 34
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      1 GTCACTGTGCTGAATGG 18

Db

RESULT 14
LOCUS           AX838097 18 bp DNA linear PAT 15-DEC-2003
DEFINITION      Sequence 5221 from Patent EP1347046.
ACCESSION       AX838097
VERSION         AX838097.1 GI:39921789
KEYWORDS
SOURCE          unidentified
ORGANISM        unidentified
REFERENCE       1
AUTHORS         Isega,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S.,
                Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
                Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
                Masuko,Y.
TITLE           Full-length cDNA sequences
JOURNAL         Patent: EP 1347046-A 5221 24-SEP-2003;
                Research Association for Biotechnology (JP)
FEATURES
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                /db_xref="taxon:32644"
                /note="Description of Artificial Sequence: an artificially
                synthesized primer se q"

Query Match      1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 346 GGGCAAGATGATGAAG 363
      |||||
      18 GTGCAAGACTGAAGAG 1

Db

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Search completed: October 12, 2005, 14:15:39
 Job time : 0.001 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 12, 2005, 14:16:48 ; Search time 1 Seconds
(without alignments)
2.024 Million cell updates/sec

Title: us-10-698-311a-311

Perfect score: 1543
Sequence: 1 ggagtgccatcgcgcagaca.....ataataatcgcacatg 1543

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 33 seqs, 656 residues

Total number of hits satisfying chosen parameters: 66

Minimum DB seq length: 18
Maximum DB seq length: 24

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 5000 summaries

Database : rngdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	24	1.6	24	1	ABX93992 Human alpha-synuc1
C 2	24	1.6	24	1	ABX93991 Human alpha-synuc1
C 3	24	1.6	24	1	ABX93998 Human synuclein sp
C 4	24	1.6	24	1	ABX94000 Mouse alpha-synuc1
C 5	23	1.5	23	1	ABX93995 Human alpha-synuc1
C 6	21	1.4	21	1	ADP86338 Human alpha synuc1
C 7	20	1.3	20	1	AAK04873 Human alpha-synuc1
C 8	20	1.3	20	1	AAK14558 Human alpha synuc1
C 9	20	1.3	20	1	AAK14558 Human alpha synuc1
C 10	20	1.3	20	1	ADP86337 Human alpha synuc1
C 11	20	1.3	20	1	ADP86337 Human alpha synuc1
C 12	19	1.2	19	1	ADP86335 Human alpha synuc1
C 13	19	1.2	19	1	ADP86335 Human alpha synuc1
C 14	17.4	1.1	19	1	ADP86333 Human alpha synuc1
C 15	17.4	1.1	19	1	ADP86333 Human alpha synuc1
C 16	17.4	1.1	19	1	ADP86336 Human alpha synuc1
C 17	17.4	1.1	19	1	ADP86336 Human alpha synuc1
C 18	16.4	1.1	19	1	ADH69053 Hepatitis C virus
C 19	16.4	1.1	20	1	ADJ17910 Antisense DNA olig
C 20	16.4	1.1	20	1	ADJ17910 Antisense DNA olig
C 21	16.4	1.1	20	1	ADJ17910 Antisense DNA olig
C 22	16.4	1.1	20	1	ADJ17910 Antisense DNA olig
C 23	16.4	1.1	20	1	ADJ17910 Antisense DNA olig
C 24	15.8	1.0	19	1	ABZ88269 Human genome diall
C 25	15.4	1.0	19	1	AAK52736 Primer IPM14F for
C 26	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 27	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 28	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 29	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 30	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 31	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 32	14.8	1.0	18	1	AAZ35879 Human sentrin phos
C 33	14.4	0.9	18	1	AAZ35879 Human sentrin phos

ALIGNMENTS

RESULT 1	ABX93992/c	ABX93992 standard; DNA; 24 BP.
ID	ABX93992;	
AC	ABX93992;	
XX	10-JUN-2003 (first entry)	
DT	10-JUN-2003 (first entry)	
DE	Human alpha-synuclein PCR primer #2.	
XX	Transgenic; alpha-synuclein transgene; alpha-synucleinopathy;	
XX	nervous tissue specific regulatory sequence; Lewy pathology;	
XX	alpha-synuclein distribution pattern; alpha-synuclein aggregation;	
XX	motor deficit; neurodegenerative disorder; Parkinson's disease;	
XX	dementia with Lewy body; DLB; Lewy body variant of Alzheimer's disease;	
XX	LBVAD; multiple system atrophy; MSA; oestrogen; oestrogen modulator;	
XX	human; alpha-synuclein; PCR; primer; ss.	
OS	Homo sapiens.	
PN	US6504080-B1.	
PD	07-JUN-2003.	
PF	13-OCT-2000; 2000US-00687731.	
PR	15-OCT-1999; 99GB-00024513.	
PA	(NOVS) NOVARTIS AG.	
PI	Van Der Putten PHM;	
DR	WPI; 2003-370503/35.	
PT	Transgenic mouse useful for testing potential therapeutic agents for	

34	12.6	0.8	19	1	AAK52736 Human genome diall
C 35	11	0.7	20	1	ADJ17910 Antisense DNA olig
C 36	11	0.7	20	1	ADJ17910 Antisense DNA olig
C 37	11	0.7	21	1	ADP86338 Human alpha synuc1
C 38	11	0.7	21	1	ADP86338 Human alpha synuc1
C 39	10.4	0.7	24	1	ABX93991 Human alpha synuc1
C 40	10	0.6	18	1	ABR86493 Human apo-dystroph
C 41	10	0.6	20	1	ADJ17910 Antisense DNA olig
C 42	9.6	0.6	18	1	AAZ71726 Human alpha synuc1
C 43	9.6	0.6	20	1	ADP86337 Human alpha synuc1
C 44	9.4	0.6	20	1	ADP86337 Human alpha synuc1
C 45	9.2	0.6	19	1	AAK04873 Escherichia coli a
C 46	9.2	0.6	18	1	AAK04873 Escherichia coli a
C 47	9	0.6	18	1	AAK04873 Escherichia coli a
C 48	9	0.6	18	1	AAK04873 Escherichia coli a
C 49	8.8	0.6	20	1	ADP86338 Human alpha synuc1
C 50	8.6	0.6	18	1	ADP86338 Human alpha synuc1
C 51	8.6	0.6	19	1	ADP86335 Human alpha synuc1
C 52	8.6	0.6	19	1	ADP86335 Human alpha synuc1
C 53	8.6	0.6	19	1	ADP86336 Human alpha synuc1
C 54	8.6	0.6	24	1	ABX93992 Human alpha synuc1
C 55	8.6	0.6	24	1	ABX93992 Human alpha synuc1
C 56	8.6	0.6	24	1	ABX94000 Mouse alpha-synuc1
C 57	8.4	0.5	20	1	AAK14558 Human alpha synuc1
C 58	8.4	0.5	20	1	AAK14558 Human alpha synuc1
C 59	8.4	0.5	20	1	ABZ88269 Human alpha synuc1
C 60	8.4	0.5	23	1	ABX93995 Human alpha synuc1
C 61	8.2	0.5	20	1	ABX90196 Human alpha synuc1
C 62	8	0.5	18	1	AAZ35879 Human alpha synuc1
C 63	8	0.5	19	1	ADP86333 Human alpha synuc1
C 64	7.8	0.5	18	1	ADP86334 Human alpha synuc1
C 65	7.8	0.5	18	1	ADP86334 Human alpha synuc1
C 66	7.6	0.5	19	1	AAK46217 Primer IPM14F for

PT treatment of neurodegenerative disorders, has alpha-synuclein transgene
PT whose expression results in mouse exhibiting alpha-synucleinopathy
phenotype.

XX Example 1; Col 13-14; 18pp; English.

XX The invention describes a transgenic mouse (I) with genome comprising an
CC alpha-synuclein transgene comprising a nervous tissue specific regulatory
CC sequence operably linked to a DNA sequence encoding an alpha-synuclein
CC polypeptide, where expression of the transgene results in a transgenic
CC mouse exhibiting a phenotype of alpha-synucleinopathy. (I) is useful for
CC testing a potential therapeutic agent for modulating Lewy pathology and
CC for screening a compound or combination of compounds for the ability to
CC prevent, revert and/or stop cells from undergoing change to Lewy
CC pathology, where the agent is administered to (I) or the compound is
CC aggregated with (I) and the alpha-synuclein distribution pattern and
CC aggregation is determined. (I) is also useful for screening a compound or
CC a combination of compounds for potential to prevent or treat a disease
CC with alpha-synucleinopathy, by contacting (I) with the compound or
CC combination of compounds and comparing the results obtained in a test for
CC motor deficits with treated mice versus untreated mice. (I) is useful for
CC testing potential therapeutic agents for the treatment of
CC neurodegenerative disorders, in particular disorders associated with the
CC presence of Lewy pathology e.g. Parkinson's disease, dementia with Lewy
CC bodies (DLB), a Lewy body variant of Alzheimer's disease (LBVD) and
CC multiple system atrophies (MSA). (I) is useful for testing oestrogens or
CC oestrogen modulators for their therapeutic potential in preventing or
CC treating diseases with alpha-synucleinopathy. Analysing changes
CC detectable in (I) is useful for identification of an endogenous indicator
CC of predisposition, onset, progression, halt and/or reversal of human
CC diseases associated with Lewy pathology. This sequence represents a
CC primer used to isolate DNA encoding human alpha-synuclein for creation of
CC transgenic mice expressing human alpha-synuclein

SO Sequence 24 BP; 6 A; 5 C; 7 G; 0 T; 0 U; 0 Other;

Query Match 1.6%; Score 24; DB 1; Length 24;

Best Local Similarity 100.0%; Pred. No. 1.9;

Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 526 AAGTGCTCAGTCCATGTGCCA 549

DB 24 AAGTGCTCAGTCCATGTGCCA 1

RESULT 2

ABX93991 standard; DNA; 24 BP.

AC ABX93991;

DT 10-JUN-2003 (first entry)

DE Human alpha-synuclein PCR primer #1.

KW Transgenic; alpha-synuclein transgene; alpha-synucleinopathy;
KW nervous tissue specific regulatory sequence; Lewy pathology;
KW alpha-synuclein distribution pattern; alpha-synuclein aggregation;
KW motor deficit; neurodegenerative disorder; Parkinson's disease;
KW dementia with Lewy body; DLB; Lewy body variant of Alzheimer's disease;
KW LBVD; multiple system atrophy; MSA; oestrogen; oestrogen modulator;
KW human; alpha-synuclein; PCR; primer; ss.

XX Homo sapiens.

XX US6504080-B1.

PD 07-JAN-2003.

PF 13-OCT-2000; 2000US-00687731.

PR 15-OCT-1999; 99GB-00024513.

XX

PA (NOVS) NOVARTIS AG.

XX Van Der Putten PHM;

XX WPI; 2003-370503/35.

PT Transgenic mouse useful for testing potential therapeutic agents for
PT treatment of neurodegenerative disorders, has alpha-synuclein transgene
PT whose expression results in mouse exhibiting alpha-synucleinopathy
phenotype.

XX Example 1; Col 13-14; 18pp; English.

XX The invention describes a transgenic mouse (I) with genome comprising an
CC alpha-synuclein transgene comprising a nervous tissue specific regulatory
CC sequence operably linked to a DNA sequence encoding an alpha-synuclein
CC polypeptide, where expression of the transgene results in a transgenic
CC mouse exhibiting a phenotype of alpha-synucleinopathy. (I) is useful for
CC testing a potential therapeutic agent for modulating Lewy pathology and
CC for screening a compound or combination of compounds for the ability to
CC prevent, revert and/or stop cells from undergoing change to Lewy
CC pathology, where the agent is administered to (I) or the compound is
CC aggregated with (I) and the alpha-synuclein distribution pattern and
CC aggregation is determined. (I) is also useful for screening a compound or
CC a combination of compounds for potential to prevent or treat a disease
CC with alpha-synucleinopathy, by contacting (I) with the compound or
CC combination of compounds and comparing the results obtained in a test for
CC motor deficits with treated mice versus untreated mice. (I) is useful for
CC testing potential therapeutic agents for the treatment of
CC neurodegenerative disorders, in particular disorders associated with the
CC presence of Lewy pathology e.g. Parkinson's disease, dementia with Lewy
CC bodies (DLB), a Lewy body variant of Alzheimer's disease (LBVD) and
CC multiple system atrophies (MSA). (I) is useful for testing oestrogens or
CC oestrogen modulators for their therapeutic potential in preventing or
CC treating diseases with alpha-synucleinopathy. Analysing changes
CC detectable in (I) is useful for identification of an endogenous indicator
CC of predisposition, onset, progression, halt and/or reversal of human
CC diseases associated with Lewy pathology. This sequence represents a
CC primer used to isolate DNA encoding human alpha-synuclein for creation of
CC transgenic mice expressing human alpha-synuclein

SO Sequence 24 BP; 8 A; 3 C; 9 G; 4 T; 0 U; 0 Other;

Query Match 1.6%; Score 24; DB 1; Length 24;

Best Local Similarity 100.0%; Pred. No. 1.9;

Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 CGACGACAGTGTGTTAAGGAA 36

DB 1 CGACGACAGTGTGTTAAGGAA 24

RESULT 3

ABX93998/c

ID ABX93998 standard; DNA; 24 BP.

AC ABX93998;

DT 10-JUN-2003 (first entry)

DE Human synuclein specific reverse primer.

KW Transgenic; alpha-synuclein transgene; alpha-synucleinopathy;
KW nervous tissue specific regulatory sequence; Lewy pathology;
KW alpha-synuclein distribution pattern; alpha-synuclein aggregation;
KW motor deficit; neurodegenerative disorder; Parkinson's disease;
KW dementia with Lewy body; DLB; Lewy body variant of Alzheimer's disease;
KW LBVD; multiple system atrophy; MSA; oestrogen; oestrogen modulator;
KW human; alpha-synuclein; PCR; primer; ss.

XX Homo sapiens.

XX US6504080-B1.

PN

XX 07-JAN-2003.
 PD 13-OCT-2000; 2000US-00687731.
 PF 15-OCT-1999; 99GB-00024513.
 PR (NOVS) NOVARTIS AG.
 PA Van Der Putten PHM;
 PI WPI; 2003-370503/35.
 XX
 DR Transgenic mouse useful for testing potential therapeutic agents for
 XX treatment of neurodegenerative disorders, has alpha-synuclein transgene
 PT whose expression results in mouse exhibiting alpha-synucleinopathy
 PT phenotype.
 PS Example 2; Col 15-16; 18pp; English.
 XX
 CC The invention describes a transgenic mouse (I) with genome comprising an
 CC alpha-synuclein transgene comprising a nervous tissue specific regulatory
 CC sequence operably linked to a DNA sequence encoding an alpha-synuclein
 CC polypeptide, where expression of the transgene results in a transgenic
 CC mouse exhibiting a phenotype of alpha-synucleinopathy. (I) is useful for
 CC testing a potential therapeutic agent for modulating Lewy pathology and
 CC for screening a compound or combination of compounds for the ability to
 CC prevent, revert and/or stop cells from undergoing change to Lewy
 CC pathology, where the agent is administered to (I) or the compound is
 CC contacted with (I) and the alpha-synuclein distribution pattern and
 CC aggregation is determined. (I) is also useful for screening a compound or
 CC a combination of compounds for potential to prevent or treat a disease
 CC with alpha-synucleinopathy, by contacting (I) with the compound or
 CC combination of compounds and comparing the results obtained in a test for
 CC motor deficits with treated mice versus untreated mice. (I) is useful for
 CC testing potential therapeutic agents for the treatment of
 CC neurodegenerative disorders, in particular disorders associated with the
 CC presence of Lewy pathology e.g. Parkinson's disease, dementia with Lewy
 CC bodies (DLB), a Lewy body variant of Alzheimer's disease (LBVD) and
 CC multiple system atrophies (MSA). (I) is useful for testing oestrogens or
 CC oestrogen modulators for their therapeutic potential in preventing or
 CC treating diseases with alpha-synucleinopathy. Analysing changes
 CC detectable in (I) is useful for identification of an endogenous indicator
 CC of predisposition, onset, progression, halt and/or reversal of human
 CC diseases associated with Lewy pathology. This sequence represents a
 CC primer specific to the human alpha-synuclein gene and used to detect the
 CC transgene in transgenic mice
 CC
 XX
 SQ Sequence 24 BP; 6 A; 5 C; 7 G; 6 T; 0 U; 0 Other;
 Query Match 1.6%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 1.9;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 526 AAGTCTCAGTTCACATGTGCCA 549
 DB 24 AAGTCTCAGTTCACATGTGCCA 1
 RESULT 4
 ABX94000/c
 ID ABX94000 standard; DNA; 24 BP.
 XX
 AC ABX94000;
 XX
 XX 10-JUN-2003 (first entry)
 DT
 XX Mouse alpha-synuclein PCR primer #2.
 DE
 XX Transgenic; alpha-synuclein transgene; alpha-synucleinopathy;
 XX nervous tissue specific regulatory sequence; Lewy pathology;
 KW alpha-synuclein distribution pattern; alpha-synuclein aggregation;
 KW motor deficit; neurodegenerative disorder; Parkinson's disease;

KW dementia with Lewy body; DLB; Lewy body variant of Alzheimer's disease;
 KW LBVD; multiple system atrophy; MSA; oestrogen; oestrogen modulator;
 KW mouse; alpha-synuclein; PCR; primer; ss.
 OS Mus sp.
 XX US6504080-B1.
 PN 07-JAN-2003.
 XX
 XX 13-OCT-2000; 2000US-00687731.
 PF 15-OCT-1999; 99GB-00024513.
 PR (NOVS) NOVARTIS AG.
 PA Van Der Putten PHM;
 PI WPI; 2003-370503/35.
 XX
 DR Transgenic mouse useful for testing potential therapeutic agents for
 XX treatment of neurodegenerative disorders, has alpha-synuclein transgene
 PT whose expression results in mouse exhibiting alpha-synucleinopathy
 PT phenotype.
 PS Example 3; Col 15-16; 18pp; English.
 XX
 CC The invention describes a transgenic mouse (I) with genome comprising an
 CC alpha-synuclein transgene comprising a nervous tissue specific regulatory
 CC sequence operably linked to a DNA sequence encoding an alpha-synuclein
 CC polypeptide, where expression of the transgene results in a transgenic
 CC mouse exhibiting a phenotype of alpha-synucleinopathy. (I) is useful for
 CC testing a potential therapeutic agent for modulating Lewy pathology and
 CC for screening a compound or combination of compounds for the ability to
 CC prevent, revert and/or stop cells from undergoing change to Lewy
 CC pathology, where the agent is administered to (I) or the compound is
 CC contacted with (I) and the alpha-synuclein distribution pattern and
 CC aggregation is determined. (I) is also useful for screening a compound or
 CC a combination of compounds for potential to prevent or treat a disease
 CC with alpha-synucleinopathy, by contacting (I) with the compound or
 CC combination of compounds and comparing the results obtained in a test for
 CC motor deficits with treated mice versus untreated mice. (I) is useful for
 CC testing potential therapeutic agents for the treatment of
 CC neurodegenerative disorders, in particular disorders associated with the
 CC presence of Lewy pathology e.g. Parkinson's disease, dementia with Lewy
 CC bodies (DLB), a Lewy body variant of Alzheimer's disease (LBVD) and
 CC multiple system atrophies (MSA). (I) is useful for testing oestrogens or
 CC oestrogen modulators for their therapeutic potential in preventing or
 CC treating diseases with alpha-synucleinopathy. Analysing changes
 CC detectable in (I) is useful for identification of an endogenous indicator
 CC of predisposition, onset, progression, halt and/or reversal of human
 CC diseases associated with Lewy pathology. This sequence represents a
 CC primer used to isolate DNA encoding mouse alpha-synuclein for creation of
 CC a mouse alpha-synuclein transgene
 CC
 XX
 SQ Sequence 24 BP; 6 A; 5 C; 7 G; 6 T; 0 U; 0 Other;
 Query Match 1.6%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 1.9;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 526 AAGTCTCAGTTCACATGTGCCA 549
 DB 24 AAGTCTCAGTTCACATGTGCCA 1
 RESULT 5
 ABX93995
 ID ABX93995 standard; DNA; 23 BP.
 XX
 AC ABX93995;
 XX
 XX 10-JUN-2003 (first entry)
 DT

```
XX DE Human alpha-synuclein PCR primer #3.
XX
XX Transgenic; alpha-synuclein transgene; alpha-synucleinopathy;
XX nervous tissue specific regulatory sequence; Lewy pathology;
XX alpha-synuclein distribution pattern; alpha-synuclein aggregation;
XX motor deficit; neurodegenerative disorder; Parkinson's disease;
XX dementia with Lewy body; DLB; Lewy body variant of Alzheimer's disease;
XX LBVAD; multiple system atrophy; MSA; oestrogen; oestrogen modulator;
XX human; alpha-synuclein; PCR; primer; ss.
XX
OS Homo sapiens.
XX
XX US6504080-B1.
XX
XX 07-JAN-2003.
XX
XX 13-OCT-2000; 2000US-00687731.
XX
XX 15-OCT-1999; 99GB-00024513.
XX
XX (NOVS ) NOVARTIS AG.
XX
XX Van Der Putten PHM;
XX
XX WPI; 2003-370503/35.
XX
XX Transgenic mouse useful for testing potential therapeutic agents for
XX treatment of neurodegenerative disorders; has alpha-synuclein transgene
XX whose expression results in mouse exhibiting alpha-synucleinopathy
XX phenotype.
XX
XX Example 1; Col 13-14; 18pp; English.
XX
XX The invention describes a transgenic mouse (I) with genome comprising an
XX alpha-synuclein transgene comprising a nervous tissue specific regulatory
XX sequence operably linked to a DNA sequence encoding an alpha-synuclein
XX polypeptide, where expression of the transgene results in a transgenic
XX mouse exhibiting a phenotype of alpha-synucleinopathy. (I) is useful for
XX testing a potential therapeutic agent for modulating Lewy pathology and
XX for screening a compound or combination of compounds for the ability to
XX prevent, revert and/or stop cells from undergoing change to Lewy
XX pathology, where the agent is administered to (I) or the compound is
XX contacted with (I) and the alpha-synuclein distribution pattern and
XX aggregation is determined. (I) is also useful for screening a compound or
XX a combination of compounds for potential to prevent or treat a disease
XX with alpha-synucleinopathy, by contacting (I) with the compound or
XX combination of compounds and comparing the results obtained in a test for
XX motor deficits with treated mice versus untreated mice. (I) is useful for
XX testing potential therapeutic agents for the treatment of
XX neurodegenerative disorders, in particular disorders associated with the
XX presence of Lewy pathology e.g. Parkinson's disease, dementia with Lewy
XX bodies (DLB), a Lewy body variant of Alzheimer's disease (LBVAD) and
XX multiple system atrophies (MSA). (I) is useful for testing oestrogens or
XX oestrogen modulators for their therapeutic potential in preventing or
XX treating diseases with alpha-synucleinopathy. Analysing changes
XX detectable in (I) is useful for identification of an endogenous indicator
XX of predisposition, onset, progression, halt and/or reversal of human
XX diseases associated with Lewy pathology. This sequence represents a
XX primer used to isolate a 364bp region of the human alpha-synuclein gene
XX for use as a probe to detect alpha-synuclein DNA
XX
XX Sequence 23 BP; 9 A; 5 C; 6 G; 3 T; 0 U; 0 Other;
XX
Query Match 1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 437 GAAGGATTCAGACTCGAACC 459
DB 1 GAAGGATTCAGACTCGAACC 23
```

```
RESULT 6
ID ADF86338 standard; DNA; 21 BP.
XX
XX ADF86338;
XX
XX 26-FEB-2004 (first entry)
XX
XX Human alpha synuclein protein related PCR primer SeqID9.
XX
XX transgenic mouse model; Parkinson's disease; Lewy body; dopamine level;
XX brain; action abnormality; alpha synuclein protein; antiparkinsonian;
XX human; PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX JP2003199460-A.
XX
XX 15-JUL-2003.
XX
XX 08-JAN-2002; 2002JP-00001229.
XX
XX 08-JAN-2002; 2002JP-00001229.
XX
XX 08-JAN-2002; 2002JP-00001229.
XX
XX (SHOJ/) SHOJI M.
XX (IKED/) IKEDA M.
XX (YAMA/) YAMADA H.
XX
XX WPI; 2003-819566/77.
XX
XX Transgenic mouse model useful for screening drugs for Parkinson's
XX disease, comprises a heterologous DNA encoding mutated synuclein protein
XX under the control of promoter.
XX
XX Example; SEQ ID NO 9; 12pp; Japanese.
XX
XX This invention relates to a novel transgenic mouse model for Parkinson's
XX disease which comprises Lewy bodies, reduced dopamine levels in brain and
XX exhibits abnormality in action. The invention comprises an introduced
XX recombinant DNA encoding alpha synuclein protein, having a fully defined
XX sequence of 130 amino acids as given in the specification under the
XX control of a promoter, where the DNA contains two substitution mutations.
XX The invention may be useful in the development of compounds with an
XX antiparkinsonian activity and for screening drugs for Parkinson's
XX disease. The transgenic mouse model provided mimics the phenotypic
XX characteristics of Parkinson's disease, for example the presence of Lewy
XX bodies and reduction of dopamine levels in the brain, and exhibits
XX abnormality in brain function.
XX
XX Sequence 21 BP; 3 A; 7 C; 6 G; 5 T; 0 U; 0 Other;
XX
Query Match 1.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 304 GAGCATTGCAGACCCACTGG 324
DB 21 GAGCATTGCAGACCCACTGG 1
XX
RESULT 7
ID AAX04873 standard; DNA; 20 BP.
XX
XX AAX04873;
XX
XX 24-MAY-1999 (first entry)
XX
XX Primer #13R.
XX
XX ss; synuclein; Parkinson disease; drug screening; diagnosis; PCR; primer;
XX amplification.
XX
```


OS	Synthetic.
XX	
PN	W09859050-A1.
XX	
PD	30-DEC-1998.
XX	
PF	25-JUN-1998; 98WO-US013071.
PR	25-JUN-1997; 97US-0050684P.
XX	
PA	(USSH) US DEPT HEALTH & HUMAN SERVICES.
XX	
P1	Duvolsin RC;
XX	
DR	WPI; 1999-105624/09.
XX	
FT	New gene mutation associated with Parkinson's disease - comprising a
PT	mutation in the synuclein gene, used to develop products for detecting a
PP	predisposition to or treating Parkinson's disease.
XX	
PS	Disclosure; Page 55; 96pp; English.
XX	
CC	primers AAX04872-X04873 were used in the isolation of a nucleotide
CC	sequence encoding a mutated human synuclein protein or homologue,
CC	associated with predisposition to Parkinson's disease (PD) . The products
CC	can be used for testing for predisposition to PD. They can also be used
CC	for studying the pathophysiology of PD. They can also be used for
CC	identifying compounds for inhibiting the self-aggregation of mutant
CC	proteins that is thought to lead to PD. The products can also be used in
CC	methods directed at the correction or suppression of PD
XX	
SQ	Sequence 20 BP; 6 A; 6 C; 3 G; 5 T; 0 U; 0 Other;
OY	Query Match 1.3%; Score 20; DB 1; Length 20;
	Best Local Similarity 100.0%; Pred. No. 6;
MATCHES	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB	495 GAGATCTGCTGACAGATGTT 514 20 GAGATCTGCTGACAGATGTT 1
RESULT 8	
AAD14358	
ID	AAD14358 standard; DNA; 20 BP.
XX	
AC	AAD14358;
XX	
DT	15-NOV-2001 (first entry)
XX	
DE	Human alpha-synuclein/Sv40 riboprobe generating sense PCR primer #1.
XX	
KM	Human; transgenic mouse; amyloid precursor protein; APP; therapy;
KW	Parkinson's disease; Alzheimer's disease; alpha-synuclein; PCR primer;
KX	amyloidogenesis; neurodegenerative disease; ss.
OS	Homo sapiens.
XX	
PN	W0200160794-A2.
XX	
PD	23-AUG-2001.
XX	
PF	20-FEB-2001; 2001WO-US005569.
XX	
PR	18-FEB-2000; 2000US-0183571P.
XX	
PA	(REGC) UNIV CALIFORNIA.
XX	
P1	Maaliiah B;
XX	
DR	WPI; 2001-529900/58.
XX	

A transgenic mouse comprising nucleotide sequences encoding human amyloid precursor protein and human alpha-synuclein useful for identifying therapeutic agents for the treatment of Parkinson's disease.

Example 7; Page 54; 55pp; English.

The invention relates to a transgenic mouse comprising transgenic nucleotide sequences each operably linked to a promoter and integrated into the genome. Each nucleotide sequence encodes human amyloid precursor protein (hAPP) and human alpha-synuclein. The invention also relates to a method for screening therapeutic agents that inhibit amyloidogenesis and amyloid deposition associated with neurodegenerative disease and alpha-synuclein aggregation. The method is useful for modulating expression, production or formation of intraneuronal amyloidogenic alpha-synuclein aggregation in a subject. The method is also useful for identifying therapeutic agents for the treatment and diagnosis of Parkinson's disease and Alzheimer's disease. The present sequence is a PCR primer obtained from alpha-synuclein, used for generating human alpha-synuclein-SV40 riboprobe

Sequence 20 BP; 3 A; 3 C; 9 G; 5 T; 0 U; 0 Other;

Query Match	1.3%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 6;		
Matches	20;	Conservative 0;	Mismatches 0;	Indels 0;
			Gaps	0;

188 GTGGTGCATGGTGTGGCAAC 207
|||||
1 GTGGTGCATGGTGTGGCAAC 20

Db

RESULT 9
AAD31945
ID AAD31945 standard; DNA; 20 BP.
XX AAD31945;
AC
18-JUN-2002 (first entry)
XX
DE Human alpha synuclein gene fragment.
XX
XX Microbial virulence factor; genetic predisposition; Alzheimer's disease;
XX Parkinson's disease; schizophrenia; frontotemporal lobe dementia;
XX hereditary multi-infarct dementia; primary X-linked mental retardation;
XX dementia; myopathy; familial British dementia; psychiatric disorder;
XX transgenic animal; human; alpha synuclein gene; ds.
XX
XX Homo sapiens.
OS
XX
XX MO200214546-A1.
PN
XX
XX 21-FEB-2002.
PD
XX
XX 15-FEB-2001; 2001WO-IB000189.
PF
XX 16-AUG-2000; 2000WO-IB001127.
PR
XX (FRIT/) FRITZSCHE M.
PA
XX
XX Fritzsche M;
PI
XX
XX WPI; 2002-241910/29.
DR
XX
XX Use of DNA sequence having fragment of nucleic acid encoding putative
PT microbial virulence factor useful for identification of disease e.g.
PT Alzheimer's disease, caused by mutations or for genetic predisposition.
CC
XX
XX Example 1; Page 23; 52pp; English.
XX
XX The present invention relates to the use of a DNA sequence comprising a
CC fragment of a nucleic acid encoding a putative microbial virulence factor
CC for the identification of a disease caused by mutations or for a genetic
CC predisposition. The invention also relates to a method for identification

CC of a disease which comprises detecting the presence of a mutation within
CC a nucleic acid sequence of the fragment of virulence factor in a tissue-
CC or blood sample of a subject, where the tissue sample is a foetal graft
CC for neurotransplantation and where the sequence is inserted in the 3' UTR
CC (untranslated region) of the gene and mutation is found in the
CC polyadenylation signal of 5'. The method is useful for identification of
CC a disease caused by mutation or for their genetic predisposition where
CC the disease is human disease, schizophrenia, myopathy, other forms of dementias
CC (frontotemporal lobe dementia, autosomal dominant Parkinson Lewy Body
CC dementia, hereditary multi-infarct dementia, familial British dementia,
CC primary X-linked mental retardation) and where the human disease
CC constitutes a predisposition or a genetic variation, the pathological
CC manifestation of which is triggered by medicaments or drugs which is
CC preferably cannabidiol, where the manifestation comprises any forms of
CC dementia, schizophrenia or related psychiatric disorders. The invention
CC also relates to transgenic animals (e.g. comprising a non-functional
CC endogenous cannabinoid receptor (CB1) gene) which are useful for the
CC identifying or screening of compounds that have an effect on the
CC activity, expression or regulation of the translated protein (e.g. CB1
CC protein). The present sequence is human alpha synuclein gene fragment
CC used in the exemplification of the invention
CC
CC
SQ Sequence 20 BP; 10 A; 2 C; 1 G; 7 T; 0 U; 0 Other;

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TAAATATAAATCAGTCTT 1088

Db 1 TAAATATAAATCAGTCTT 20

RESULT 10
ABK90196/C
ID ABK90196 standard; DNA; 20 BP.
XX
AC ABK90196;
XX
DT 05-NOV-2002 (first entry)
XX
DE Human alpha synuclein PCR primer #2.
XX
KW Human; alpha synuclein; disaggregation; Thioflavin T; aggregation state;
KW aggregated alpha synuclein; AAS; PCR; primer; ss.
XX
OS Homo sapiens.
XX
PN WO200254083-A2.
XX
PD 11-JUL-2002.
XX
PF 03-JAN-2002; 2002WO-US001135.
XX
PR 03-JAN-2001; 2001US-0259442P.
XX
PA (ORTH) ORTHO-MCNEIL PHARM INC.
XX
PI Plata-Salaman C, Benjamin D, Ilyin S;
XX
DR WPI; 2002-599619/64.
XX
PT Detecting alpha synuclein aggregation in vitro for determining the anti-
PT aggregation potential of compounds or to screen for drugs with anti-
PT aggregation or dis-aggregating properties.
XX
PS Example 1; Page 6; 19pp; English.
XX
CC The present invention relates to a new method for detecting the ability
CC of a compound to promote disaggregation of alpha synuclein. The method of
CC the invention involves adding a compound and Thioflavin T to aggregated
CC alpha synuclein (AAS) solution, where Thioflavin T binds to AAS and

CC produces fluorescence, incubating the solution to allow the compound to
CC change aggregation state of alpha synuclein, and measuring a reduction of
CC fluorescence as an indication of the reduced aggregation state of alpha
CC synuclein. The method is useful for detecting the ability of a compound
CC to promote disaggregation of alpha synuclein. The method is also useful
CC to prevent aggregation of alpha synuclein. The present nucleic acid
CC sequence represents a PCR primer that was used in the methods of the
CC invention for cloning and expression of soluble alpha synuclein
CC
CC
SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 528 GGGCTCAGTCCAAATGTGCC 547

Db 20 GGGCTCAGTCCAAATGTGCC 1

RESULT 11
ADP86337
ID ADP86337 standard; DNA; 20 BP.
XX
AC ADP86337;
XX
DT 26-FEB-2004 (first entry)
XX
DE Human alpha synuclein protein related PCR primer SeqID8.
XX
KW transgenic mouse model; Parkinson's disease; Lewy body; dopamine level;
KW brain; action abnormality; alpha synuclein protein; antiparkinsonian;
KW human; PCR; primer; ss.
XX
OS Homo sapiens.
XX
PN JP2003199460-A.
XX
PD 15-JUL-2003.
XX
PF 08-JAN-2002; 2002JP-00001229.
XX
PR 08-JAN-2002; 2002JP-00001229.
XX
PA (SHOJI) SHOJI M.
PA (IKEDA) IKEDA M.
PA (YAWA) YAWADA H.
XX
DR WPI; 2003-819566/77.
XX
PT Transgenic mouse model useful for screening drugs for Parkinson's
PT disease, comprises a heterologous DNA encoding mutated synuclein protein
PT under the control of promoter.
XX
PS Example; SEQ ID NO 8; 12pp; Japanese.
XX
CC This invention relates to a novel transgenic mouse model for Parkinson's
CC disease which comprises Lewy bodies, reduced dopamine levels in brain and
CC exhibits abnormality in action. The invention comprises an introduced
CC recombinant DNA encoding alpha synuclein protein, having a fully defined
CC sequence of 130 amino acids as given in the specification under the
CC control of a promoter, where the DNA contains two substitution mutations.
CC The invention may be useful in the development of compounds with an
CC antiparkinsonian activity and for screening drugs for Parkinson's
CC disease. The transgenic mouse model provided mimics the phenotypic
CC characteristics of Parkinson's disease, for example the presence of Lewy
CC bodies and reduction of dopamine levels in the brain, and exhibits
CC abnormality in brain function.
CC
CC
SQ Sequence 20 BP; 7 A; 1 C; 6 G; 6 T; 0 U; 0 Other;

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 48 TGGATGTTTCATGAAAGGA 67
 |||||
 Db 1 TGGATGTTTCATGAAAGGA 20

RESULT 12

AAD31907
 ID AAD31907 standard; DNA; 19 BP.

AC AAD31907;

DT 18-JUN-2002 (first entry)

DE Escherichia coli alpha syncuclein DNA.

XX Microbial virulence factor; genetic predisposition; Alzheimer's disease;
 KM Parkinson's disease; schizophrenia; frontotemporal lobe dementia;
 KM hereditary multi-infarct dementia; primary X-linked mental retardation;
 KM dementia; myopathy; familial British dementia; psychiatric disorder;
 KM transgenic animal; alpha syncuclein; ds.

OS Escherichia coli.

PN WO200214546-A1.

PD 21-FEB-2002.

PF 15-FEB-2001; 2001WO-IB000189.

PR 16-AUG-2000; 2000WO-IB001127.

PA (FRIT/) FRITZSCHE M.

PI Fritzsche M;

DR WPI; 2002-241910/29.

PT Use of DNA sequence having fragment of nucleic acid encoding putative
 PT microbial virulence factor useful for identification of disease e.g.
 PT Alzheimer's disease, caused by mutations or for genetic predisposition.

PS Claim 6; Page 23; 52pp; English.

XX The present invention relates to the use of a DNA sequence comprising a
 CC fragment of a nucleic acid encoding a putative microbial virulence factor
 CC for the identification of a disease caused by mutations or for a genetic
 CC predisposition. The invention also relates to a method for identification
 CC of a disease which comprises detecting the presence of a mutation within
 CC a nucleic acid sequence of the fragment of virulence factor in a tissue-
 CC or blood sample of a subject, where the tissue sample is a foetal graft
 CC for neurotransplantation and where the sequence is inserted in the 3' UTR
 CC (untranslated region) of the gene and mutation is found in the
 CC polyadenylation signal of G1. The method is useful for identification of
 CC a disease caused by mutation or for their genetic predisposition where
 CC the disease is human disease which is from Alzheimer's disease,
 CC Parkinson's disease, schizophrenia, myopathy, other forms of dementias
 CC (frontotemporal lobe dementia, autosomal dominant Parkinson Lewy-Body
 CC dementia, hereditary multi-infarct dementia, familial British dementia,
 CC primary X-linked mental retardation) and where the human disease
 CC constitutes a predisposition or a genetic variation, the pathological
 CC manifestation of which is triggered by medicaments or drugs which is
 CC preferably cannabis, where the manifestation comprises any forms of
 CC dementia, schizophrenia or related psychiatric disorders. The invention
 CC also relates to transgenic animals (e.g. comprising a non-functional
 CC endogenous cannabinoid receptor (CB1) gene) which are useful for the
 CC identifying or screening of compounds that have an effect on the
 CC activity, expression or regulation of the translated protein (e.g. CB1
 CC protein). The present sequence is a DNA encoding Escherichia coli alpha
 CC syncuclein protein, a virulence factor protein. This sequence is used in
 CC the exemplification of the invention

SEQ Sequence 19 BP; 10 A; 2 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 1.2%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.1;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1070 AATAATATAATCATGCTT 1088
 |||||
 Db 1 AATAATATAATCATGCTT 19

RESULT 13

ADD14278
 ID ADD14278 standard; DNA; 21 BP.

AC ADD14278;

DT 01-JAN-2004 (first entry)

DE Human src biomarker forward PCR primer SEQ ID NO:467.

XX predictor set; protein tyrosine kinase activity modulator;
 KM protein tyrosine kinase pathway; protein tyrosine kinase; cyostatic;
 KM gene therapy; drug sensitivity; genetic profile; cancer; human;
 KM PCR primer; ss.

OS Synthetic.

PN Homo sapiens.

PD WO2003062395-A2.

PF 31-JUL-2003.

PR 17-JAN-2003; 2003WO-US001981.

PA 18-JAN-2002; 2002US-0350061P.

PI (BRIM) BRISTOL-MYERS SQUIBB CO.

DR Huang F, Fairchild CR, Lee FY, Shaw P;

DR WPI; 2003-636735/60.

PT New polynucleotides and polypeptides for predicting the activity of
 PT compounds that interact with protein tyrosine kinases and/or protein
 PT tyrosine kinase pathways.

PS Example 2; SEQ ID NO 467; 139pp; English.

XX The present invention describes a predictor set comprising a plurality of
 CC polynucleotides or polypeptides whose expression pattern is predictive of
 CC the response of cells to treatment with a compound that modulates protein
 CC tyrosine kinase activity or members of the protein tyrosine kinase
 CC pathway. Also described: (1) predicting whether a compound is capable of
 CC modulating the activity of cells, comprising obtaining a sample of cells,
 CC determining whether the cells express a plurality of markers, and
 CC correlating the expression of the markers to the compound's ability to
 CC modulate the activity of the cells; (2) a plurality of cell lines for
 CC identifying polynucleotides and polypeptides whose expression levels
 CC correlate with compound sensitivity or resistance of cells associated
 CC with a disease state; and (3) identifying polynucleotides and
 CC polypeptides that predict compound sensitivity or resistance of cells
 CC associated with a disease state, comprising subjecting the plurality of
 CC cell lines to one or more compounds, analysing the expression pattern of
 CC polynucleotides or polypeptides that predict the sensitivity or
 CC resistance of cells associated with a disease state by using the
 CC expression pattern of the microarray. The polynucleotides and
 CC polypeptides have cyostatic activities, and can be used in gene therapy.
 CC The polynucleotides and polypeptides are useful in predicting the
 CC activity of compounds that interact with protein tyrosine kinases and/or
 CC protein tyrosine kinase pathways. These may be used in determining drug
 CC sensitivity in patients to allow the development of individualized

CC genetic profiles which aid in treating diseases and disorders (e.g.
CC cancer) based on patient response at a molecular level. The present
CC sequence is used in the exemplification of the present invention.
XX

Sequence 21 BP; 9 A; 3 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 9.7;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 335 AAGGACCACTGGGCAAGAAAT 355
DB 1 AAGGACCACTGGGCCAAGAAAT 21

RESULT 14
ADF86335
ID ADF86335 standard; DNA; 19 BP.
XX
AC ADF86335;
XX
DT 26-FEB-2004 (first entry)
XX
DE Human alpha synuclein protein related PCR primer SeqId6.
XX
DE transgenic mouse model; Parkinson's disease; Lewy body; dopamine level;
KM brain; action abnormality; alpha synuclein protein; antiparkinsonian;
KM human; PCR; primer; ss.
XX
OS Homo sapiens.
XX
EN JP2003199460-A.
XX
PD 15-JUL-2003.
XX
PF 08-JAN-2002; 2002JP-00001229.
XX
PR 08-JAN-2002; 2002JP-00001229.
XX
PS (SHOJ/) SHOJI M.
PA (IKED/) IKEDA M.
PA (YAMA/) YAMADA H.
XX
XX WPI; 2003-819566/77.

Transgenic mouse model useful for screening drugs for Parkinson's
PT disease, comprises a heterologous DNA encoding mutated synuclein protein
PT under the control of promoter.
XX
PS Example; SEQ ID NO 6; 12pp; Japanese.

CC This invention relates to a novel transgenic mouse model for Parkinson's
CC disease which comprises Lewy bodies, reduced dopamine levels in brain and
CC exhibits abnormality in action. The invention comprises an introduced
CC recombinant DNA encoding alpha synuclein protein, having a fully defined
CC sequence of 130 amino acids as given in the specification under the
CC control of a promoter, where the DNA contains two substitution mutations.
CC The invention may be useful in the development of compounds with an
CC antiparkinsonian activity and for screening drugs for Parkinson's
CC disease. The transgenic mouse model provided mimics the phenotypic
CC characteristics of Parkinson's disease, for example the presence of Lewy
CC bodies and reduction of dopamine levels in the brain, and exhibits
CC abnormality in brain function.
XX
SQ Sequence 19 BP; 4 A; 3 C; 7 G; 5 T; 0 U; 0 Other;

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 12;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 196 TGTGTGGCAACAGTGGCT 214
DB 1 TGTGTGGCAACAGTGGCT 19

RESULT 15
ADF86333
ID ADF86333 standard; DNA; 19 BP.
XX
AC ADF86333;
XX
DT 26-FEB-2004 (first entry)
XX
DE Human alpha synuclein protein related PCR primer SeqId4.
XX
DE transgenic mouse model; Parkinson's disease; Lewy body; dopamine level;
KM brain; action abnormality; alpha synuclein protein; antiparkinsonian;
KM human; PCR; primer; ss.
XX
OS Homo sapiens.
XX
EN JP2003199460-A.
XX
PD 15-JUL-2003.
XX
PF 08-JAN-2002; 2002JP-00001229.
XX
PR 08-JAN-2002; 2002JP-00001229.
XX
PS (SHOJ/) SHOJI M.
PA (IKED/) IKEDA M.
PA (YAMA/) YAMADA H.
XX
XX WPI; 2003-819566/77.

Transgenic mouse model useful for screening drugs for Parkinson's
PT disease, comprises a heterologous DNA encoding mutated synuclein protein
PT under the control of promoter.
XX
PS Example; SEQ ID NO 4; 12pp; Japanese.

CC This invention relates to a novel transgenic mouse model for Parkinson's
CC disease which comprises Lewy bodies, reduced dopamine levels in brain and
CC exhibits abnormality in action. The invention comprises an introduced
CC recombinant DNA encoding alpha synuclein protein, having a fully defined
CC sequence of 130 amino acids as given in the specification under the
CC control of a promoter, where the DNA contains two substitution mutations.
CC The invention may be useful in the development of compounds with an
CC antiparkinsonian activity and for screening drugs for Parkinson's
CC disease. The transgenic mouse model provided mimics the phenotypic
CC characteristics of Parkinson's disease, for example the presence of Lewy
CC bodies and reduction of dopamine levels in the brain, and exhibits
CC abnormality in brain function.
XX
SQ Sequence 19 BP; 6 A; 4 C; 7 G; 2 T; 0 U; 0 Other;

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 12;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 121 TGTGGCAAGACGACAGGA 139
DB 1 TGTGGCAAGACGACAGGA 19

RESULT 16
ADF86334/c
ID ADF86334 standard; DNA; 19 BP.
XX
AC ADF86334;
XX
DT 26-FEB-2004 (first entry)
XX
DE Human alpha synuclein protein related PCR primer SeqId5.
XX
KM transgenic mouse model; Parkinson's disease; Lewy body; dopamine level;

XX	(SHOI//) SHOI M.
PA	(IKED/) IKEDA M.
PA	(YAMA/) YAMADA H.
DR	WPI; 2003-819566/77.
PT	Transgenic mouse model useful for screening drugs for Parkinson's disease, comprises a heterologous DNA encoding mutated synuclein protein under the control of promoter.
PS	Example; SEQ ID NO 7; 12pp; Japanese.
CC	This invention relates to a novel transgenic mouse model for Parkinson's disease which comprises Lewy bodies, reduced dopamine levels in brain and exhibits abnormality in action. The invention comprising an introduced recombinant DNA encoding alpha synuclein protein, having a fully defined sequence of 130 amino acids as given in the specification under the CC control of a promoter, where the DNA contains two substitution mutations. The invention may be useful in the development of compounds with an antiParkinsonian activity and for screening drugs for Parkinson's diseases. The transgenic mouse model provided mimics the phenotypic characteristics of Parkinson's disease, for example the presence of Lewy bodies and reduction of dopamine levels in the brain, and exhibits abnormality in brain function.
SQ	Sequence 19 BP; 5 A; 7 C; 3 G; 4 T; 0 U; 0 Other;
QY	Query Match Best Local Similarity 1.1%; Score 17.4; DB 1; Length 19; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0. 196 TGGTGTGGCAACAGTGGCT 214 Db 19 TGGTGTCACACAGTGGCT 1
RESULT 18	
ID	ADH69053 standard; DNA; 18 BP.
AC	ADH69053;
DT	25-MAR-2004 (first entry)
DE	Hepatitis C virus genotype 2b oligonucleotide HCV2b seqL5.
KM	ss; primer; antiInflammatory; hepatotropic; virucide; vaccine;
XX	hepatitis C virus; HCV; NS4; diagnosis; drug therapy.
OS	Hepatitis C virus.
PX	WO2003077723-A2.
PN	
PD	25-SEP-2003.
XX	
PF	11-MAR-2003; 2003WO-US007585.
PR	11-MAR-2002; 2002US-0363603P.
PA	(HOLL/) HOLLAND-STALEY C.
PJ	
PI	Holland-Staley C;
DR	WPI; 2003-767436/72.
XX	
PT	New nucleic acid sequences from Hepatitis C virus (HCV) genome corresponding to HCV1a, HCV2a, HCV2b, HCV3a, HCV3b and HCV4a subtypes,
PT	useful as vaccine for the preventing and/or treating HCV infection.
PS	Claim 1; SEQ ID NO 40; 101pp; English.
CC	The invention relates to nucleic acids derived from hepatitis C virus (HCV) sequences (SI) where oligonucleotide derived from these sequences

CC are able to anneal to the NS3 or NS4 gene of HCV, or a fragment. The
 CC nucleic acids may comprise at least 80 % identity to (s1) or at least 8
 CC nucleotides from it. The nucleic acids or oligonucleotides derived from
 CC them can be used to diagnose HCV infections. The nucleic acids are useful
 CC for detecting HCV infection, including early stage detection, for
 CC identifying types of HCV infection, for detecting variant strains of HCV,
 CC mutation in the HCV nucleic acid responsible for resistance or
 CC sensitivity to a therapy, or new mutations in the HCV genome correlated
 CC with resistance or sensitivity to a drug therapy, for determining whether
 CC treatment with an agent should or should not be continued, for
 CC identifying the interaction between HCV and other viruses and/or
 CC diseases, for generating a nucleic acid which may be patient specific,
 CC for developing new drugs, and as vaccine for the prevention and/or
 CC treatment of HCV. This sequence represents a sequence used in the method
 CC of the invention.

XX Sequence 18 BP; 7 A; 6 C; 4 G; 1 T; 0 U; 0 Other;

Query Match 1.1%; Score 16.4; DB 1; Length 18;
 Best Local Similarity 94.4%; Pred. No. 14;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 164 GTAGGCTCCAAACCAAG 181
 DB 1 GTAGGCCCAAAACCAAG 18

RESULT 19
 ADJ17910
 ID ADJ17910 standard; DNA; 20 BP.

XX ADJ17910;
 XX 20-MAY-2004 (first entry)

DE Antisense DNA oligo used to modulate human LRH1 expression SeqID 2460.

XX human; ss; liver related homologue-1; LRH1; NR5A2; antisense;
 KW phosphorothioate; 2' MOE; breast cancer; dyslipidaemia; atherosclerosis;
 KW low HDL; high density lipoprotein; high LDL; hypercholesterolaemia;
 KW gall stone; triglyceridaemia; obesity; hepatitis;
 KW hepatocellular carcinoma; aromatase; cytosolic; antilipemic;
 KW antiarteriosclerotic; anorectic; hepatotropic; litholytic;
 KW antiinflammatory; virucidal.

XX Homo sapiens.
 OS Synthetic.

XX Key Location/Qualifiers
 FT modified_base 1..20

FT /mod_base= OTHER
 FT /label= OTHER= phosphorothioate backbone
 FT modified_base 1..5

FT /mod_base= OTHER
 FT /note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides. All
 FT cytidine nucleobases are 5-methylcytidine."
 FT modified_base 16..20

FT /mod_base= OTHER
 FT /note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides. All
 FT cytidine nucleobases are 5-methylcytidine."
 FT modified_base 16..20

XX WO2004003201-A2.

XX 08-JAN-2004.

XX 01-JUL-2003; 2003WO-US020865.

XX 01-JUL-2002; 2002US-0392813P.

XX (PHAA) PHARMACIA CORP.

XX Kane CD;
 PT WPI; 2004-083058/08.

PT New antisense oligonucleotides targeted to a nucleic acid encoding liver
 PT related homologue-1 (LRH1), useful for treating breast cancer,
 PT dyslipidaemia, atherosclerosis, hypercholesterolemia, or hepatitis.

PS Example 15; SEQ ID NO 2460; 909pp; English.

CC This invention relates to novel antisense compounds useful for modulating
 CC the expression of liver related homologue-1 (LRH1) and splice variants
 CC thereof. Specifically, it refers to compositions 8-30 nucleobases in
 CC length that target a portion of an active site on the nucleic acid
 CC molecule encoding LRH1 (also known as NR5A2). LRH1 is a monomeric orphan
 CC nuclear receptor protein that functions as a tissue specific
 CC transcription factor. The present invention describes antisense
 CC oligonucleotides that comprise at least one modified internucleoside
 CC linkage, a phosphorothioate linkage; at least one modified sugar moiety,
 CC a 2'-O-methoxyethyl (2' MOE) and at least one modified nucleobase, a 5-
 CC methylcytidine. These antisense compounds are useful for treating or
 CC diagnosing a disease associated with LRH1, such as breast cancer,
 CC dyslipidaemia, atherosclerosis, low HDL (high density lipoprotein), high
 CC LDL (low density lipoprotein), hypercholesterolaemia, gall stones,
 CC triglyceridaemia, obesity, hepatitis B virus-mediated acute or chronic
 CC hepatitis, as well as hepatocellular carcinoma or a condition associated
 CC with aromatase activity. Accordingly, these compositions exhibit
 CC cytostatic, antilipemic, antiarteriosclerotic, anorectic, hepatotropic,
 CC litholytic, antiinflammatory and virucidal activities. This
 CC oligonucleotide sequence is an antisense DNA oligo used to modulate the
 CC expression of the human LRH1 protein of the invention.

XX Sequence 20 BP; 9 A; 1 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 1.1%; Score 16.4; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 14;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1140 TAAATGCAATTTGAAGAA 1157
 DB 2 TAAATGCAATTTGAAGAA 19

RESULT 20
 ADJ17792
 ID ADJ17792 standard; DNA; 20 BP.

XX ADJ17792;

XX 20-MAY-2004 (first entry)
 DE Antisense DNA oligo used to modulate human LRH1 expression SeqID 2342.

XX human; ss; liver related homologue-1; LRH1; NR5A2; antisense;
 KW phosphorothioate; 2' MOE; breast cancer; dyslipidaemia; atherosclerosis;
 KW low HDL; high density lipoprotein; high LDL; hypercholesterolaemia;
 KW gall stone; triglyceridaemia; obesity; hepatitis;
 KW hepatocellular carcinoma; aromatase; cytosolic; antilipemic;
 KW antiarteriosclerotic; anorectic; hepatotropic; litholytic;
 KW antiinflammatory; virucidal.

XX Homo sapiens.
 OS Synthetic.

XX Key Location/Qualifiers
 FT modified_base 1..20

FT /mod_base= OTHER
 FT /label= OTHER= phosphorothioate backbone
 FT modified_base 1..5

FT /mod_base= OTHER
 FT /note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides. All
 FT cytidine nucleobases are 5-methylcytidine."
 FT modified_base 16..20

```

FT      /note= "OTHER= 2' methoxyethyl] (2' MOE) nucleotides. All
FT      cytidine nucleobases are 5-methylcytidine."
FT      16..20
FT      modified_base    /*tag= C
FT                                     /mod_base= OTHER
FT      FT      /note= "OTHER= 2' methoxyethyl] (2' MOE) nucleotides. All
FT      cytidine nucleobases are 5-methylcytidine."
XX      WO2004003201-A2.
XX      PD      08-JAN-2004.
XX      PF      01-JUL-2003; 2003WO-US020665.
XX      PR      01-JUL-2002; 2002US-0392813P.
PA      (PHAA ) PHARMACIA CORP.
PI      Kane CP;
DR      WPI, 2004-083058/08.
XX      PT      New antisense oligonucleotides targeted to a nucleic acid encoding liver
PT      related homologue-1 (LRH1), useful for treating breast cancer,
PT      dyslipidemia, atherosclerosis, hypercholesterolemia, or hepatitis.
XX      Example 15; SEQ ID NO 2342; 909pp; English.
XX      This invention relates to novel antisense compounds useful for modulating
XX      the expression of liver related homologue-1 (LRH1) and splice variants
XX      thereof. Specifically, it refers to compositions 8-30 nucleobases in
XX      length that target a portion of an active site on the nucleic acid
XX      molecule encoding LRH1 (also known as NR5A2). LRH1 is a monomeric orphan
XX      nuclear receptor protein that functions as a tissue specific
XX      transcription factor. The present invention describes antisense
XX      oligonucleotides that comprise at least one modified internucleoside
XX      linkage, a phosphorothioate linkage, at least one modified sugar moiety,
XX      a 2'-O-methoxyethyl (2' MOE) and at least one modified nucleobase, a 5-
XX      methylcytidine. These antisense compounds are useful for treating or
XX      diagnosing a disease associated with LRH1, such as breast cancer,
XX      dyslipidemia, atherosclerosis, low HDL (high density lipoprotein), high
XX      LDL (low density lipoprotein), hypercholesterolemia, gall stones,
XX      triglyceridemia, obesity, hepatitis B virus-mediated acute or chronic
XX      hepatitis, as well as hepatocellular carcinoma or a condition associated
XX      with aromatase activity. Accordingly, these compositions exhibit
XX      cytostatic, antiproliferative, antiarteriosclerotic, anorectic, hepatotropic,
XX      ccc litholytic, antiinflammatory and antiviral activities. This
XX      oligonucleotide sequence is an antisense DNA oligo used to modulate the
XX      expression of the human LRH1 protein of the invention.
XX      SQ      Sequence 20 BP; 9 A; 1 C; 4 G; 6 T; 0 U; 0 Other;
QY      Query Match          1.1%; Score 16.4; DB 1; Length 20;
QY      Best Local Similarity 94.4%; Pred. No. 14;
DB      Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
        1140 TAATAGCCATTGTGAAGA 1157
        ||||| |||||||||
        3 TAATAGTCATTGAAAGAA 20

RESULT 21
ADJ17897
ID      ADJ17897 standard; DNA; 20 BP.
XX      AC      ADJ17897;
XX      DT      20-MAY-2004 (First entry)
XX      DE      Antisense DNA oligo used to modulate human LRH1 expression SeqID 2447.
XX      KW      human; ss; liver related homologue-1; LRH1; NR5A2; antisense;
KW      phosphorothioate; 2' MOE; breast cancer; dyslipidemia; atherosclerosis;
```

KW	low HDL; high density lipoprotein; high LDL; hypercholesterolaemia;
KW	gall stone; triglyceridaemia; obesity; hepatitis; antilipemic;
KW	hepatocellular carcinoma; aromatase; cytosolic; antilipemic;
KW	antiarteriosclerotic; anorectic; hepatotropic; litholytic;
XX	antiinflammatory; virucidal.
OS	Homo sapiens.
XX	Synthetic.
XX	
FT	Key
FT	modified_base
FT	1. .20
FT	/tag= b
FT	/mod base= OTHER
FT	/label= OTHER= phosphorothioate backbone
FT	1. .5
FT	/tag= a
FT	/mod base= OTHER
FT	/note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides. All
FT	cytidine nucleobases are 5-methylcytidine."
FT	16. .20
FT	/tag= c
FT	/mod base= OTHER
FT	/note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides. All
FT	cytidine nucleobases are 5-methylcytidine."
XX	
PN	WO2004003201-A2.
XX	
XX	08-JAN-2004.
PD	
XX	01-JUL-2003; 2003WO-US020865.
PF	
PR	01-JUL-2002; 2002US-0392813P.
XX	
PA	(PHAA) PHARMACIA CORP.
PI	
PI	Kane CD;
XX	
XX	WPI; 2004-083058/08.
DR	
PT	New antisense oligonucleotides targeted to a nucleic acid encoding liver
PT	related homologue-1 (LRH1), useful for treating breast cancer,
PT	dyslipidemia, atherosclerosis, hypercholesterolemia, or hepatitis.
XX	
XX	Example 15; SEQ ID NO 2447; 909pp; English.
XX	
XX	This invention relates to novel antisense compounds useful for modulating
CC	the expression of liver related homologue-1 (LRH1) and splice variants
CC	thereof. Specifically, it refers to compositions 8-30 nucleobases in
CC	length that target a portion of an active site on the nucleic acid
CC	molecule encoding LRH1 (also known as NR5A2). LRH1 is a monomeric orphan
CC	nuclear receptor protein that functions as a tissue specific
CC	transcription factor. The present invention describes antisense
CC	oligonucleotides that comprise at least one modified internucleoside
CC	linkage, a phosphorothioate linkage, at least one modified sugar moiety,
CC	a 2'-O-methoxyethyl (2' MOE) and at least one modified nucleobase, a 5-
CC	methylcytidine. These antisense compounds are useful for treating or
CC	diagnosing a disease associated with LRH1, such as breast cancer,
CC	dyslipidemia, atherosclerosis, hypercholesterolaemia, gall stones,
CC	LDL (low density lipoprotein), hepatitis B virus-mediated acute or chronic
CC	triglyceridaemia, obesity, hepatitis B virus-mediated acute or chronic
CC	hepatitis, as well as hepatocellular carcinoma or a condition associated
CC	with aromatase activity. Accordingly, these compositions exhibit
CC	cytostatic, antilipemic, antiarteriosclerotic, anorectic, hepatotropic,
CC	litholytic, antiinflammatory and virucidal activities. This
CC	oligonucleotide sequence is an antisense DNA oligo used to modulate the
CC	expression of the human LRH1 protein of the invention.
XX	
XX	Sequence 20 BP; 8 A; 1 C; 3 G; 8 T; 0 U; 0 Other;
XX	
XX	Query Match 1.1%; Score 16.4; DB 1; Length 20;
XX	Best Local Similarity 94.4%; Pred. No. 14;
XX	Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1140 TATAGCATTGAGAA 1157
 DB 1 TATAGCATTGAGAA 18

RESULT 22

AB288269/c
 ID AB288269 standard; DNA; 20 BP.

AC AB288269;

DT 17-OCT-2003 (first entry)

DE Human oligonucleotide sequence.

Human; antisense; lung dysfunction; nasal airway dysfunction;
 antiinflammatory steroid; ubiqunone; antiinflammatory; antiallergic;
 antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;
 antisense gene therapy; respiratory; lung; adenosine sensitivity;
 adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
 lung inflammation; respiratory disease; ds.

OS Homo sapiens.

PN WO200285308-A2.

PD 31-OCT-2002.

PF 23-APR-2002; 2002WO-US013135.

PR 24-APR-2001; 2001US-0286137P.

PA (EPIG-) EPIGENESIS PHARM INC.

PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;

PI Miller S, Tang L, Shahbuddin S;

XX WPI; 2003-229219/22.

PT Pharmaceutical composition for treating ailments associated with impaired
 PT respiration, has oligo(s) antisense to specific gene(s) or its
 PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
 PT ubiqunone.

PS Disclosure; SEQ ID NO 3511; 872bp; English.

CC The invention relates to a novel pharmaceutical composition, which has a
 CC first active agent comprising an oligonucleotide antisense to the
 CC initiation codon, coding region, 5' or 3' end genomic flanking regions,
 CC 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
 CC junctions of genes encoding a polypeptide associated with lung and/or
 CC nasal airway dysfunction and a second active agent comprising an
 CC antiinflammatory steroid and ubiqunone. A composition of the invention
 CC has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
 CC immunosuppressive, and cytostatic activity. The composition may have a
 CC use in antisense gene therapy. The composition is useful for treating or
 CC preventing a respiratory, lung or malignant disease or condition, also
 CC for enhancing the prophylactic or therapeutic respiratory effect of an
 CC antiinflammatory steroid in a subject, for reducing or depleting levels
 CC of, or reducing sensitivity to adenosine, reducing levels of adenosine
 CC receptor, producing bronchodilation, increasing levels of ubiqunone or
 CC lung surfactant in a subject's tissue, or treating bronchoconstriction,
 CC lung inflammation, lung allergies, or a respiratory disease or condition.
 CC Note: The sequence data for this patent is not represented in the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 20 BP; 5 A; 3 C; 6 G; 6 T; 0 U; 0 Other;

Query Match 1.0%; Score 16; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 15;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1201 ACACTCGAAATTCCT 1216
 DB 20 ACACTCGAAATTCCT 5

RESULT 23

ABD24499/c
 ID ABD24499 standard; DNA; 20 BP.

AC ABD24499;

DT 29-JUL-2004 (first entry)

DE A1652764-derived oligonucleotide SEQ ID 3511.

Human; antisense; bronchoconstriction; allergy; hyposecretion; pain;
 respiratory tract inflammation; adenosine sensitivity; lung; cancer;
 surfactant depletion; antiallergic; antiinflammatory; antiasthmatic;
 analgesic; hypotensive; immunosuppressive; cytostatic; cystic fibrosis;
 beta-adrenergic agonist; respiratory disease; pulmonary vasoconstriction;
 respiratory distress syndrome; allergic rhinitis; pulmonary hypertension;
 emphysema; chronic obstructive pulmonary disease; cancer; bronchitis;
 pulmonary transplantation rejection; ss; primer.

OS Homo sapiens.

PN WO200285309-A2.

PD 31-OCT-2002.

PF 23-APR-2002; 2002WO-US013143.

PR 24-APR-2001; 2001US-0286036P.

PA (EPIG-) EPIGENESIS PHARM INC.

PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;

PI Miller S, Tang L, Shahbuddin S;

XX WPI; 2003-093058/08.

PT Pharmaceutical composition for treating asthma, has antisense
 PT oligonucleotide containing less percentage of adenosine, targeted to
 PT nucleic acids associated with lung airway or lung dysfunction, and
 PT bronchodilating agent.

PS Claim 15; SEQ ID NO 3511; 763bp; English.

CC This invention describes a novel composition (a) a first active agent,
 CC comprising oligonucleotides, effective for alleviating
 CC bronchoconstriction, respiratory tract inflammation, allergies and
 CC reducing adenosine sensitivity, levels of adenosine (A) or (A) receptors,
 CC surfactant depletion or hyposecretion, when administered to a mammal. The
 CC oligonucleotides are derived from a gene encoding or regulating
 CC expression of a target polypeptide associated with lung airway or lung
 CC dysfunction or cancer and can be anti-sense to the corresponding mRNA.
 CC The invention also describes a kit, that comprises: (a) a delivery
 CC device, in separate containers, (b) the oligonucleotides, (c)
 CC instructions for adding a carrier and for use of the kit. The composition
 CC of the invention has antiallergic, antiinflammatory, antiasthmatic,
 CC analgesic, hypotensive, immunosuppressive and cytostatic activity, is a
 CC beta-adrenergic agonist. The composition is useful for preventing or
 CC treating a respiratory, lung or malignant disease. The administered
 CC composition comprises oligo and is administered to reduce the production
 CC or availability, or to increase the degradation of the target mRNA or to
 CC reduce the amount of target polypeptide present in the lungs. The
 CC pulmonary obstruction, and/or bronchoconstriction and/or lung
 CC inflammation, allergies and/or surfactant hypoproduction are associated
 CC with a disease or condition such as pulmonary vasoconstriction,
 CC inflammation, allergies, asthma, impeded respiration, respiratory
 CC distress syndrome, pain, cystic fibrosis, allergic rhinitis, pulmonary
 CC hypertension, emphysema, chronic obstructive pulmonary disease, pulmonary
 CC transplantation rejection, pulmonary infections, bronchitis or cancer.

CC The reduced adenosine content of the anti-sense oligos corresponding to
 CC thymidines present in the target RNA serves to prevent the breakdown of
 CC the oligonucleotides into products that free adenosine into the system
 CC e.g., lung, brain, heart, kidney, etc, tissue environment and thereby, to
 CC prevent any unwanted effects due to it

XX Sequence 20 BP; 5 A; 3 C; 6 G; 6 T; 0 U; 0 Other;
 SQ

Query Match 1.0%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1201 ACACCTCGGAATTCCT 1216
 |||||
 DB 20 ACACCTCGGAATTCCT 5

RESULT 24
 AAX52736/C
 ID AAX52736 standard; DNA; 19 BP.
 XX
 AC AAX52736;
 XX
 DT 30-JUN-1999 (first entry)
 XX
 DE Human genome biallelic marker primer 104.
 XX
 KW Biallelic marker; human; high density disequilibrium map; disease; trait;
 KW identification; Alzheimer's disease; drug response; drug efficacy;
 KW drug toxicity; primer; ss.
 XX
 OS Synthetic.
 OS Homo sapiens.
 XX
 PN WO9904038-A2.
 XX
 PD 28-JAN-1999.
 XX
 PF 17-JUL-1998; 98WO-1B001193.
 XX
 PR 18-JUL-1997; 97EP-00401740.
 PR 21-APR-1998; 98US-0082614P.
 XX
 PA (GENSET) GENSET.
 XX
 PI Cohen D, Blumenfeld M, Tchoumakov I;
 XX
 DR WPI; 1999-132278/11.
 XX
 PT Production of biallelic markers - by obtaining a genomic DNA library,
 PT determining the order and sequence of DNA fragments and identifying
 PT nucleotides which vary between individuals.
 XX
 PS Example 8; Page 229; 288bp; English.
 XX
 CC This invention describes a novel method for obtaining a set of biallelic
 CC markers represented in AAX52533-X52632 and AAX52833-X52843 for use in
 CC constructing a high density equilibrium map of the human genome. The
 CC method involves (a) obtaining a nucleic acid library comprising genomic
 CC DNA fragments comprising the full genome or a portion (b) determining the
 CC order of genomic DNA fragments in the genome, (c) determining the
 CC sequence of selected regions of the genomic DNA fragments and (d)
 CC identifying nucleotides in the genomic DNA fragments which vary between
 CC individuals, thereby defining a set of biallelic markers. The methods can
 CC be used for identifying traits such as disease (e.g. Alzheimer's
 CC disease), drug response, drug efficacy and drug toxicity. They can be
 CC used for selecting an individual for inclusion in a clinical trial. The
 CC method is used to map the position of genes in a genome (preferably the
 CC human genome). The sequences described in AAX52633-X52833 and AAX52844-
 CC X52868 represent primers used in the method of the invention
 CC
 XX Sequence 19 BP; 5 A; 2 C; 0 G; 12 T; 0 U; 0 Other;
 SQ

Query Match 1.0%; Score 15.8; DB 1; Length 19;
 Best Local Similarity 99.5%; Pred. No. 17;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1126 AAATTAAGTTATTATA 1144
 |||||
 DB 19 AAATTAAGTTATTATA 1

RESULT 25
 AAA46217
 ID AAA46217 standard; DNA; 19 BP.
 XX
 AC AAA46217;
 XX
 DT 04-SEP-2000 (first entry)
 XX
 DE Primer IPM14F for interphotoreceptor matrix proteoglycan IPM150 cDNA.
 XX
 KW Interphotoreceptor matrix; IPM; proteoglycan; IPM150; IPMC; IPM200;
 KW chromosome 6q13-q15; ocular disease; retinal detachment;
 KW choriorretinal degeneration; retinal degeneration; cone degeneration;
 KW age related macular degeneration; photoreceptor degeneration;
 KW retinal pigment epithelium degeneration; mucopolysaccharidosis;
 KW rod-cone dystrophy; cone-rod dystrophy; PCR primer; ss.
 XX
 OS Unidentified.
 OS
 PN WO200026367-A2.
 XX
 PD 11-MAY-2000.
 XX
 PF 29-OCT-1999; 99WO-US025440.
 XX
 PR 29-OCT-1998; 98US-00183972.
 XX
 PA (IOWA) UNIV IOWA RES FOUND.
 XX
 PI Hageman GS, Kuehn MH;
 XX
 DR WPI; 2000-365616/31.
 XX
 PT Nucleic acids encoding interphotoreceptor matrix proteoglycans useful for
 PT preventing, diagnosing and treating ocular disorders such as retinal
 PT detachment and choriorretinal degeneration.
 XX
 PS Claim 43; Page 44; 183pp; English.
 XX
 CC PCR primers AAA46209-42 were used to amplify cDNA encoding an
 CC interphotoreceptor matrix (IPM) proteoglycan, designated IPM150. The
 CC protein is an IPM component (IPMC). Two subfamilies of IPMCs, IPM150 and
 CC IPM200, exist. The human IPM150 gene is located on chromosome 6q13-q15,
 CC between markers CHC.GATA11F10 and D6S284. The IPM proteins may be used
 CC to supplement a patient's own production of the protein or to rectify
 CC alterations in their nucleic acids that result in expression of an
 CC inactive protein. The IPM nucleic acids may be used in this way to treat
 CC ocular diseases such as retinal detachment, choriorretinal degeneration,
 CC retinal degeneration, age related macular degeneration, photoreceptor
 CC degeneration, RPE (retinal pigment epithelium) degeneration, cone
 CC degeneration, mucopolysaccharidosis, rod-cone dystrophy and cone-rod
 CC dystrophy. The nucleic acids and proteins may also be used to assay for
 CC other modulators of IPM proteoglycan expression and activity that may be
 CC used to treat ocular diseases. The nucleic acids and proteins may also be
 CC used as diagnostic reagents to detect the presence of IPM nucleic acids
 CC and their products in samples from patients according to standard
 CC methodologies
 XX
 SQ Sequence 19 BP; 4 A; 1 C; 10 G; 4 T; 0 U; 0 Other;
 XX
 Query Match 1.0%; Score 15.4; DB 1; Length 19;
 Best Local Similarity 94.1%; Pred. No. 19;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY      241 TGTGGAGGAGCAGTGG 257
      |||||
      3 TGTGGAGGAGCAGAGG 19

RESULT 26
AAZ35879
ID      AAZ35879 standard; DNA; 18 BP.
XX
AC      AAZ35879;
XX
DT      03-FEB-2000 (first entry)
XX
DE      Human sentrin phosphorothioate antisense oligonucleotide SEQ ID NO:21.
XX
KW      Human; sentrin; antisense oligonucleotide; phosphorothioate; inhibition;
XX      modulation; expression; diagnosis; ss.
XX
OS      Synthetic.
XX      Homo sapiens.
XX
FH      Key
FT      modified_base      Location/Qualifiers
FT      /tag= a
FT      /note= "phosphorothioate linkages"
XX
PN      US5985664-A.
XX
PD      16-NOV-1999.
XX
PF      17-DEC-1998; 98US-00213768.
XX
PR      17-DEC-1998; 98US-00213768.
XX
PA      (ISIS-) ISIS PHARM INC.
XX
PI      Baker BF, Cowsett LM;
XX
WPI; 2000-022284/02.
XX
PT      Antisense compound which modulates human sentrin expression, useful for
XX      treating diseases associated with sentrin expression.
XX
PS      Claim 3; Col 38; 29pp; English.
XX
CC      The present invention describes an antisense compound (I) 8-30
CC      nucleotide long, targeted to a nucleic acid molecule encoding human
CC      sentrin. The antisense compound comprises a phosphorothioate antisense
CC      oligonucleotide which inhibits expression of human sentrin. (I) is useful
CC      for inhibiting expression of sentrin in human cells or tissues in vitro,
CC      for treating humans or other animals suspected of having or being prone
CC      to a disease associated with sentrin expression. (I) can also be used for
CC      research or diagnostic purposes. The present sequence represents a human
CC      sentrin phosphorothioate antisense oligonucleotide from the present
CC      invention
XX
SQ      Sequence 18 BP; 2 A; 1 C; 6 G; 9 T; 0 U; 0 Other;

Query Match      1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      488 GTTCTTGAGATCTGCTG 505
      |||||
      1 GTTCTTGAGATCTGCTG 18
XX
Db

```

```

DT      10-SEP-2001 (first entry)
XX
DE      Human biallelic marker upstream amplification primer SEQ ID NO:6082.
XX
XX      Human genome; biallelic marker; high density disequilibrium map;
XX      KW genomic map; haplotype; phenotype; polymorphic base; genotyping;
XX      KW haplotyping; hybridisation; identification; characterisation;
XX      KW amplification; single nucleotide polymorphism; SNP; PCR primer;
XX      KW diagnosis; ss.
XX
OS      Homo sapiens.
XX
PN      WO954500-A2.
XX
PD      28-OCT-1999.
XX
PF      21-APR-1999; 99WO-IB000822.
XX
PR      21-APR-1998; 98US-0082614P.
XX      23-NOV-1998; 98US-0109732P.
XX
PA      (GEST ) GENSET.
XX
PI      Cohen D, Blumenfeld M, Chumakov I;
XX
WPI; 2000-013267/01.
XX
PT      Novel biallelic markers used to construct a high density disequilibrium
XX      map of the human genome.
XX
PS      Claim 8; Page 1527; 2745pp; English.
XX
CC      AAZ65654 to AAZ69578 represent human biallelic markers from the present
CC      invention, which contain a polymorphic base at position 24 of their
CC      nucleotide sequences. AAZ6579 to AAZ77440 represent amplification
CC      primers for the biallelic markers. The biallelic markers of the invention
CC      have a variety of uses: they can be used for high density mapping of the
CC      human genome, and in complex association studies and haplotyping studies
CC      which are useful in determining the genetic basis for disease states.
CC      Compositions and methods of the invention can also be useful for the
CC      identification of the targets for the development of pharmaceutical
CC      agents and diagnostic methods, as well as the characterisation of the
CC      differential efficacious responses to and side effects from
CC      pharmaceutical agents acting on a disease as well as other treatment.
CC      N.B. The SEQ ID NOs 2852, 2913, 2974, 3035, 3096, 3157, 3227, 3297 and
CC      3367, are not actually given a sequence in the Sequence Listing from the
CC      present invention
XX
SQ      Sequence 18 BP; 3 A; 1 C; 8 G; 6 T; 0 U; 0 Other;

Query Match      1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 GACAGTGTGGTGTAAAG 34
      |||||
      1 GTCAGTGTGTGTATAG 18
XX
Db

RESULT 28
AAAI5525
ID      AAAI5525 standard; DNA; 18 BP.
XX
AC      AAAI5525;
XX
DT      28-JUL-2000 (first entry)
XX
DE      Human G-alpha-i3 antisense oligonucleotide ISIS#25944.
XX
KW      Human; G-alpha-i3; G protein; Gi protein; adenylyl cyclase; dopamine;
XX      thyrotropin-releasing hormone; somatostatin; signal transduction pathway;
XX      antisense oligonucleotide; ss.
XX

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OS Homo sapiens.
XX Key
XX modified_base
XX Location/Qualifiers
XX 1..18
XX /*tag= a
XX /mod_base= OTHER
XX /note= "Optionally phosphorothioate deoxynucleotides"
XX
XX modified_base
XX 1..4
XX /*tag= b
XX /mod_base= OTHER
XX /note= "Optionally 2'-methoxyethyl nucleotides providing
XX bases 15..18 are also 2'-methoxyethyl nucleotides. All
XX cytidine residues within this region are then 5-
XX methylcytidine"
XX 15..18
XX /*tag= c
XX /mod_base= OTHER
XX /note= "Optionally 2'-methoxyethyl nucleotides providing
XX bases 1..4 are also 2'-methoxyethyl nucleotides. All
XX cytidine residues within this region are then 5-
XX methylcytidine"
XX
XX US6063626-A.
XX 16-MAY-2000.
XX /*tag=
XX 24-JUN-1999; 99US-00339775.
XX
XX 24-JUN-1999; 99US-00339775.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Cowser LM;
XX
XX MPI; 2000-375497/32.
XX
XX New antisense compounds targeting nucleic acids encoding human G-alpha-13
XX useful for treating diseases associated with G-alpha-13 expression and as
XX prophylaxis to prevent or delay infection, inflammation or tumor
XX formation.
XX
XX Claim 3; Col 39; 30pp; English.
XX
XX The present sequence is an antisense oligonucleotide for the human G-
XX alpha-13 gene. The protein produced from this gene is a member of the G
XX protein family, and more specifically of the Gi family. The Gi proteins
XX are involved in hormonal inhibition of adenylyl cyclase and the
XX regulation of plasma membrane enzymes. In addition, G-alpha-13 has been
XX shown to have a role in the dopamine, thyrotropin-releasing hormone and
XX somatostatin signal transduction pathways. The oligonucleotide may be
XX used to modulate expression of the G-alpha-13 gene and can be used to
XX prevent infection, inflammation and tumours
XX
XX Sequence 18 BP; 5 A; 1 C; 4 G; 8 T; 0 U; 0 Other;
XX
XX Query Match 1.0%; Score 14.8; DB 1; Length 18;
XX Best Local Similarity 88.9%; Pred. No. 22;
XX Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
XX 602 AGTGATTGAAGTATCTGT 619
XX | ||||| |||||
XX 1 AATGATTGAAGTTCTGT 18
XX
XX RESULT 29
XX AAH47603/c
XX ID AAH47603 standard; DNA; 18 BP.
XX
XX AAH47603;
XX
XX 30-NOV-2001 (first entry)
XX
XX Human Her-3 mRNA inhibiting antisense oligo ISIS # 19618.
XX

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XX Her-3; epidermal growth factor; EGF; receptor/tyrosine kinase; human;
XX antiinflammatory; cytostatic; antibacterial; antisense; ss.
XX
XX Synthetic.
XX OS Homo sapiens.
XX US6277640-B1.
XX
XX 21-AUG-2001.
XX
XX 31-JUL-2000; 2000US-00630706.
XX
XX 31-JUL-2000; 2000US-00630706.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Cowser LM;
XX
XX MPI; 2001-535134/59.
XX
XX Antisense compounds capable of modulating expression of human Her-3,
XX member of epidermal growth factor family of receptor/tyrosine kinases,
XX useful for preventing or delaying infection, inflammation or tumor
XX formation.
XX
XX Claim 1; Col 43-44; 49pp; English.
XX
XX The invention provides antisense compounds capable of inhibiting the
XX expression of human Her-3, a member of epidermal growth factor (EGF)
XX family of receptor/tyrosine kinases. The antisense oligonucleotides are
XX useful for inhibiting the expression of Her-3 in cells or tissues. They
XX are commonly used as research reagents and in diagnostics for example, to
XX elucidate the function of particular genes. The antisense compounds are
XX also useful for distinguishing between functions of various members of a
XX biological pathway and for research use. They are also utilized for
XX diagnostics, therapeutics, prophylaxis and in kits. They are useful
XX prophylactically, e.g. to prevent or delay infection, inflammation or
XX tumor formation. Sequences AAH47532-47615 represent chimeric antisense
XX phosphorothioate oligonucleotides having 2'-MOE wings and a deoxy gap,
XX used for the inhibition of Her-3 mRNA expression
XX
XX Sequence 18 BP; 4 A; 6 C; 2 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 1.0%; Score 14.8; DB 1; Length 18;
XX Best Local Similarity 88.9%; Pred. No. 22;
XX Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
XX 431 TCTGAGGAGGATATCA 448
XX | ||||| |||||
XX 18 TCTGAGGAGGATATGAA 1
XX
XX RESULT 30
XX ABR6493
XX ID ABR6493 standard; DNA; 18 BP.
XX
XX ABR6493;
XX
XX 27-AUG-2002 (first entry)
XX
XX Human apo-dystrophin-4 reverse sequencing primer/probe RSP2.
XX
XX Human; ss; apo-dystrophin-4; inversion sequence; gene therapy; primer;
XX protein truncation; muscular dystrophy; leukaemia; probe.
XX
XX Homo sapiens.
XX
XX GB2368064-A.
XX
XX 24-APR-2002.
XX
XX 16-JAN-2001; 2001GB-00001124.
XX

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XX 30-SEP-2000; 2000US-0237079P.
PR
XX
XX (IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.
PA (BARB/) BARBER E.
XX
XX Barber E;
PI
XX WPI; 2002-429042/46.
XX
XX New human regulatory polynucleotide, useful for treating disorders
PT associated with protein truncation, particularly muscular dystrophy, and
PT related peptides and antibodies.
XX
XX Disclosure; Page 162; 222pp; English.
XX
XX The invention relates to a polynucleotide (I) comprising, or consisting
CC of, apo-dystrophin-4 inversion sequence appearing as ABK86496, or its
CC functional equivalents (e.g. the apo-dystrophin-4 cDNA sequence appearing
CC as ABK86497). Also included are polynucleotides that hybridise to either
CC strand of (I), a vector containing (I), a cell containing (I) or the
CC vector, proteins and peptides encoded by (I), a protein homologous with
CC human dystrophin that is expressed on cell surfaces in vivo antibodies
CC (Ab) specific for the protein and method of screening for leukemia cells
CC by analyzing DNA for presence of (I) or by detecting presence of (II).
CC The apo-dystrophin-4 inversion sequence is a regulatory element that
CC controls expression (transcription and translation) of associated DNA,
CC and may allow read-through of stop codons. The apo-dystrophin-4 inversion
CC sequence is used in gene therapy of diseases associated with truncation
CC of proteins, particularly muscular dystrophy and also leukaemia, but more
CC generally (I) is a regulatory sequence used to control expression of any
CC attached gene. Analysis of DNA for (I), or detection of proteins (II)
CC encoded by (I), can be used to screen for leukaemic cells and related
CC diseases. Antibodies raised against (II) can be used therapeutically, to
CC inhibit (II) activity, also to detect (II) in screening assays. The
CC present sequence is an apo-dystrophin-4 sequencing primer also used as a
CC southern blotting probe
XX
SQ Sequence 18 BP; 7 A; 1 C; 1 G; 9 T; 0 U; 0 Other;
Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1402 AATTGTTATCACTTTT 1419
DB 1 AACTGTTATTAATTTT 18
RESULT 31
ADA15833/c
ID ADA15833 standard; DNA; 18 BP.
XX
XX ADA15833;
XX
XX 20-NOV-2003 (first entry)
XX
XX Primer for amplification of beta-actin #SEQ ID 12.
XX
XX Human; beta-actin; GAPDH; loop-mediated isothermal amplification; LAMP;
KM glyceraldehyde-3-phosphate dehydrogenase; cancer; metastasis;
KW genetic engineering; PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX WO2003070935-A1.
XX
XX 28-AUG-2003.
XX
XX 13-FEB-2003; 2003WO-JP001474.
XX
XX 20-FEB-2002; 2002JP-00043866.
XX
XX 20-FEB-2002; 2002JP-00043867.
XX
XX
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XX (SYSM-) SYSMEX CORP.
PA
XX Tada S;
PI
XX WPI; 2003-679880/64.
XX
XX Primers for nucleic acid amplification in detecting housekeeping gene
PT mRNAs to confirm amplification of beta-actin and glyceraldehyde-3-
PT phosphate dehydrogenase useful in diagnosis of cancer.
XX
XX Claim 3; Page 22; 90pp; Japanese.
XX
XX The invention relates to primers for nucleic acid amplification for
CC detecting a housekeeping gene and/or a housekeeping gene-related mRNA by
CC the loop-mediated isothermal amplification (LAMP) method. Particularly
CC referred to are primers for the amplification of beta-actin or GAPDH. The
CC primers of the invention are for nucleic acid amplification in detecting
CC housekeeping gene mRNAs, e.g. to confirm amplification of beta-actin and
CC glyceraldehyde-3-phosphate dehydrogenase (GAPDH), which are useful in
CC diagnosis of cancer and metastasis. By applying such primers, the
CC amplification of beta-actin and GAPDH can be used to confirm the presence
CC or absence of a tumour marker, e.g. cytokeratin, which can be used in the
CC control of data correction in the LAMP method, particularly in genetic
CC engineering, molecular biology and clinical medicine including disease
CC diagnosis. Using this method, diagnosis is fast (within 15 minutes) and
CC highly reliable. The required primers were designed based upon the gene
CC domain of e.g. beta-actin. After reaction by the reverse transcriptase-
CC loop-mediated isothermal amplification (RT-LAMP) method, the
CC amplification product was detected to confirm amplification of beta-actin
CC in the samples. The current sequence represents a primer for the
XX amplification of human beta-actin.
XX
SQ Sequence 18 BP; 1 A; 9 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 373 GGAAGCAATTCGAGGA 390
DB 18 GGAAGCAAGCTCGAGGA 1
RESULT 32
ADM06536/c
ID ADM06536 standard; DNA; 18 BP.
XX
XX ADM06536;
XX
XX 20-MAY-2004 (first entry)
XX
XX Human PCR primer SEQ ID NO:5221.
XX
XX human; gene therapy; diagnostic marker; pharmaceutical; ss; PCR; primer.
XX
XX Homo sapiens.
XX
XX EP1347046-A1.
XX
XX 24-SEP-2003.
XX
XX 12-APR-2002; 2002EP-00008400.
XX
XX 22-MAR-2002; 2002JP-00137785.
XX
XX (REAS-) RES ASSOC BIOTECHNOLOGY.
XX
XX Isogai T, Sugiyama T, Otsuki T, Wakamatsu A, Sato H, Ishii S;
PI Yamamoto U, Isono Y, Hio Y, Otsuka K, Nagai K, Irie R, Tamechika I;
PI Seki N, Yoshikawa T, Otsuka M, Nagahari K, Meunio Y;
XX
XX WPI; 2003-72358/69.
XX
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```

XX New polynucleotides and polypeptides are useful in gene therapy, for
PT developing a diagnostic marker or medicines for regulating their
PT expression and activity, or as a target of gene therapy.
XX
XX Example 8; SEQ ID NO 5221; 305bp; English.
XX
CC The invention relates to a novel human polynucleotide and the encoded
CC polypeptide. A polynucleotide of the invention may have a use in gene
CC therapy. An oligonucleotide of the invention ADM06773 is useful
CC as a primer for synthesizing the polynucleotide or as a probe for
CC detecting the polynucleotide. The polynucleotides ADM01316-ADM03758 are
CC useful in gene therapy, for developing a diagnostic marker or medicines
CC for regulating their expression and activity, or as a target of gene
CC therapy. The proteins ADM03759-ADM06201 encoded by the polynucleotides
CC are useful as pharmaceutical agents. The present sequence represents an
CC oligonucleotide used in the invention.
XX
SQ Sequence 18 BP; 2 A; 7 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
XX
QY 346 GGGCAAGATGAGGAGG 363
DB 18 GTGCAAGACTGAGGAGG 1
XX
RESULT 33
AAZ30195
ID AAZ30195 standard; DNA; 18 BP.
XX
AC AAZ30195;
XX
DT 11-FEB-2000 (first entry)
XX
DE PCR primer Mkl7 used to amplify the mvk gene 5' adjacent region.
XX
KW mvk gene; mevalonate kinase; mevalonate pathway; carotenogenic yeast;
KW isopentenyl pyrophosphate; farnesyl pyrophosphate; isoprenoid;
KW carotenoid; astaxanthin; cancer; antioxidant; colouring reagent;
KW farmed fish industry; PCR primer; ss.
XX
OS Synthetic.
OS Xanthophyllomyces dendrorhous.
XX
PN EP955363-A2.
XX
PD 10-NOV-1999.
XX
PF 26-APR-1999; 99EP-00107413.
XX
PR 06-MAY-1998; 98EP-00108210.
XX
PA (HOF) HOFMANN LA ROCHE & CO AG F.
XX
PI Hoshino T, Ojima K, Setoguchi Y;
XX
WPI; 2000-001086/01.
XX
PT Isolated DNA sequences encoding enzymes, useful for the production of
PT isoprenoids and carotenoids.
XX
PS Example 10; Page 15; 58pp; English.
XX
CC PCR primers AAZ30195-96 were used to amplify the mvk gene 5' adjacent
CC region. The mvk gene encodes a mevalonate kinase enzyme. The enzyme is
CC involved in the mevalonate pathway in the carotenogenic yeast Phaffia
CC rhodozyma. The specification also describes enzymes that are involved in
CC the pathway from isopentenyl pyrophosphate to farnesyl pyrophosphate. The
CC enzymes of the invention are used in the production of isoprenoids and
CC carotenoids, especially astaxanthin. Astaxanthin is useful for the

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CC pharmaceutical industry, to protect cells against cancer as it has a
CC strong antioxidant property. Astaxanthin is also useful as a colouring
CC reagent in the farmed fish industry, e.g. salmon
XX
SQ Sequence 18 BP; 10 A; 0 C; 8 G; 0 T; 0 U; 0 Other;
XX
Query Match 0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 24;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1170 GAAGGCTAGGAGAA 1185
DB 2 GAAGGAGAGAGAGAAA 17
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Job time : 1 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 12, 2005, 14:17:41 ; Search time 1 Second
(without alignments)
0.701 Million cell updates/sec

Title: us-10-698-731-311

Perfect score: 1543
Sequence: 1 ggagtgccatcgcgcagaca.....ataataatcgcacatg 1543

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 11 seqs, 227 residues

Total number of hits satisfying chosen parameters: 22

Minimum DB seq length: 18
Maximum DB seq length: 24

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 5000 summaries

Database : rntdb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	24	1.6	24	1 US-09-687-731-1	Sequence 1, Appli
2	24	1.6	24	1 US-09-687-731-2	Sequence 2, Appli
3	24	1.6	24	1 US-09-687-731-8	Sequence 8, Appli
4	24	1.6	24	1 US-09-687-731-10	Sequence 10, Appli
5	23	1.5	23	1 US-09-687-731-5	Sequence 5, Appli
6	23	1.0	18	1 US-09-213-768-21	Sequence 21, Appli
7	14.8	1.0	18	1 US-09-339-775-24	Sequence 24, Appli
8	14.8	1.0	18	1 US-09-630-706-82	Sequence 82, Appli
9	14.8	1.0	18	1 US-09-422-978-6082	Sequence 30, Appli
10	14.8	1.0	18	1 US-09-306-595C-30	Sequence 30, Appli
11	14.4	0.9	18	1 US-09-925-388-30	Sequence 1, Appli
12	10.4	0.7	24	1 US-09-687-731-1	Sequence 6082, Ap
13	9.6	0.6	18	1 US-09-422-978-6082	Sequence 82, Appli
14	9	0.6	18	1 US-09-630-706-82	Sequence 30, Appli
15	8.6	0.6	18	1 US-09-306-595C-30	Sequence 30, Appli
16	8.6	0.6	24	1 US-09-925-388-30	Sequence 2, Appli
17	8.6	0.6	24	1 US-09-687-731-2	Sequence 8, Appli
18	8.6	0.6	24	1 US-09-687-731-8	Sequence 10, Appli
19	8.6	0.6	24	1 US-09-687-731-10	Sequence 24, Appli
20	8.4	0.5	23	1 US-09-339-775-24	Sequence 5, Appli
21	8.4	0.5	23	1 US-09-687-731-5	Sequence 21, Appli
22	8	0.5	18	1 US-09-213-768-21	Sequence 21, Appli

ALIGNMENTS

RESULT 1
US-09-687-731-1
; Sequence 1, Application US/09687731
; Patent No. 6504080
; GENERAL INFORMATION:
; APPLICANT: Van Der Putten, Petrus Herman Maria

TITLE OF INVENTION: Transgenic animal model for neurodegenerative disorders
; FILE REFERENCE: alpha-synuclein transgenic animals
; CURRENT APPLICATION NUMBER: US/09/687,731
; CURRENT FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: GB 9924513.6
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-687-731-1

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.89; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0

QY 13 CGACGACAGTGTGTTAAAGGAA 36
DB 1 CGACGACAGTGTGTTAAAGGAA 24

RESULT 2
US-09-687-731-2/c
; Sequence 2, Application US/09687731
; Patent No. 6504080

GENERAL INFORMATION:

APPLICANT: Van Der Putten, Petrus Herman Maria

TITLE OF INVENTION: Transgenic animal model for neurodegenerative disorders

FILE REFERENCE: alpha-synuclein transgenic animals

CURRENT APPLICATION NUMBER: US/09/687,731

CURRENT FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: GB 9924513.6

PRIOR FILING DATE: 1999-10-15

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 2

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-09-687-731-2

QY 526 AAGTGTCTCAATGTCAGTCCCA 549
DB 24 AAGTGTCTCAATGTCAGTCCCA 1

RESULT 3
US-09-687-731-8/c
; Sequence 8, Application US/09687731
; Patent No. 6504080

GENERAL INFORMATION:

APPLICANT: Van Der Putten, Petrus Herman Maria

TITLE OF INVENTION: Transgenic animal model for neurodegenerative disorders

FILE REFERENCE: alpha-synuclein transgenic animals

CURRENT APPLICATION NUMBER: US/09/687,731

CURRENT FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: GB 9924513.6

PRIOR FILING DATE: 1999-10-15

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 8

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-687-731-8

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.89;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 526 AAGTGCCTCAGTTCATGTCGCCA 549
Db 24 AAGTGCCTCAGTTCATGTCGCCA 1

RESULT 4
US-09-687-731-10/C
Sequence 10, Application US/09687731
Patent No. 6504080
GENERAL INFORMATION:
APPLICANT: Van Der Putten, Petrus Herman Maria
TITLE OF INVENTION: Transgenic animal model for neurodegenerative disorders
FILE REFERENCE: alpha-synuclein transgenic animals
CURRENT APPLICATION NUMBER: US/09/687,731
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: GB 9924513.6
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-687-731-10

Query Match 1.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.89;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 526 AAGTGCCTCAGTTCATGTCGCCA 549
Db 24 AAGTGCCTCAGTTCATGTCGCCA 1

RESULT 5
US-09-687-731-5
Sequence 5, Application US/09687731
Patent No. 6504080
GENERAL INFORMATION:
APPLICANT: Van Der Putten, Petrus Herman Maria
TITLE OF INVENTION: Transgenic animal model for neurodegenerative disorders
FILE REFERENCE: alpha-synuclein transgenic animals
CURRENT APPLICATION NUMBER: US/09/687,731
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: GB 9924513.6
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-687-731-5

Query Match 1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 437 GAAGGTATCAAGACTACGAACC 459
Db 24 GAAGGTATCAAGACTACGAACC 1

Db 1 GAAGGTATCAAGACTACGAACC 23

RESULT 6
US-09-213-768-21
Sequence 21, Application US/09213768
Patent No. 5985664
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF SERTININ EXPRESSION
FILE REFERENCE: RTS-0026
CURRENT APPLICATION NUMBER: US/09/213,768
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-768-21

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Best Local Similarity 88.9%; Pred. No. 6.9;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 488 GTTCTTGAGATCTGCTG 505
Db 1 GTTCTTGAGATCTGCTG 18

RESULT 7
US-09-339-775-24
Sequence 24, Application US/09339775
Patent No. 6063626
GENERAL INFORMATION:
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION
FILE REFERENCE: RTS-0069
CURRENT APPLICATION NUMBER: US/09/339,775
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 24
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-24

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.9;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 602 AGTGATTGAATCTCTG 619
Db 1 AATGATTGAATCTCTG 18

RESULT 8
US-09-630-706-82/C
Sequence 82, Application US/09630706
Patent No. 6277640
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
FILE REFERENCE: RTS-0053
CURRENT APPLICATION NUMBER: US/09/630,706
PRIOR FILING DATE: 2000-08-01
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 82


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; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-82
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Best Local Similarity 88.9%; Pred. No. 6.9;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Db      18 TCTGAGCAAGGTATGAA 1
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RESULT 9
US-09-422-978-6082
; Sequence 6082, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6082
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-8802 for SEQ 2148,
US-09-422-978-6082
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Query Match          1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.9;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      17 GACAGTGTGTGTAAGG 34
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Db      1 GTCAGTGTGTATATG 18
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RESULT 10
US-09-306-595C-30
; Sequence 30, Application US/09306595C
; Patent No. 6284506
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/306,595C
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: 98108210
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of 5'-adjacent region of WVK gene
US-09-306-595C-30
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Query Match          0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.4;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1170 GAAGAGGTAGAGAAA 1185
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Db      2 GAAGAGGAAGAGAAA 17
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RESULT 11
US-09-925-388-30
; Sequence 30, Application US/09925388
; Patent No. 6586202
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/09/925,388
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/306,595
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of 5'-adjacent region of WVK gene
US-09-925-388-30
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Query Match          0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.4;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1170 GAAGAGGTAGAGAAA 1185
          ||||| ||||| |||||
Db      2 GAAGAGGAAGAGAAA 17
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Job time : 1 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 12, 2005, 14:19:26 ; Search time 12 Seconds
(without alignments)
3.550 Million cell updates/sec

Title: us-10-698-311a-311
Perfect score: 1543
Sequence: 1 ggaatggcattcgcagcaca.....ataataattcgcattg 1543

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 704 seqs, 13803 residues

Total number of hits satisfying chosen parameters: 1408

Minimum DB seq length: 18
Maximum DB seq length: 24

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 5000 summaries

Database : rnpbdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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12	23	1.5	23	1	US-10-991-286A-12
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16	22	1.4	22	1	US-10-980-850-42
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18	21	1.4	21	1	US-10-991-286A-3
19	21	1.4	21	1	US-10-991-286A-5
20	21	1.4	21	1	US-10-991-286A-7
21	21	1.4	21	1	US-10-991-286A-9
22	21	1.4	21	1	US-10-991-286A-11
23	20	1.3	20	1	US-10-037-519A-2
24	20	1.3	20	1	US-10-344-124-49
25	20	1.3	20	1	US-10-204-337A-12
26	20	1.3	20	1	US-10-776-013-180
27	20	1.3	20	1	US-10-776-013-181
28	20	1.3	20	1	US-10-776-013-182
29	19	1.2	19	1	US-10-344-124-11
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107	19	1.2	19	1	US-10-698-311-78	Sequence 78, App1	C 180	19	1.2	19	1	US-10-698-311-151	Sequence 151, App1
108	19	1.2	19	1	US-10-698-311-79	Sequence 79, App1	C 181	19	1.2	19	1	US-10-698-311-152	Sequence 152, App1
109	19	1.2	19	1	US-10-698-311-80	Sequence 80, App1	C 182	19	1.2	19	1	US-10-698-311-153	Sequence 153, App1
110	19	1.2	19	1	US-10-698-311-81	Sequence 81, App1	C 183	19	1.2	19	1	US-10-698-311-154	Sequence 154, App1
111	19	1.2	19	1	US-10-698-311-82	Sequence 82, App1	C 184	19	1.2	19	1	US-10-698-311-155	Sequence 155, App1
112	19	1.2	19	1	US-10-698-311-83	Sequence 83, App1	C 185	19	1.2	19	1	US-10-698-311-156	Sequence 156, App1
113	19	1.2	19	1	US-10-698-311-84	Sequence 84, App1	C 186	19	1.2	19	1	US-10-698-311-157	Sequence 157, App1
114	19	1.2	19	1	US-10-698-311-85	Sequence 85, App1	C 187	19	1.2	19	1	US-10-698-311-158	Sequence 158, App1
115	19	1.2	19	1	US-10-698-311-86	Sequence 86, App1	C 188	19	1.2	19	1	US-10-698-311-159	Sequence 159, App1
116	19	1.2	19	1	US-10-698-311-87	Sequence 87, App1	C 189	19	1.2	19	1	US-10-698-311-160	Sequence 160, App1
117	19	1.2	19	1	US-10-698-311-88	Sequence 88, App1	C 190	19	1.2	19	1	US-10-698-311-161	Sequence 161, App1
118	19	1.2	19	1	US-10-698-311-89	Sequence 89, App1	C 191	19	1.2	19	1	US-10-698-311-162	Sequence 162, App1
119	19	1.2	19	1	US-10-698-311-90	Sequence 90, App1	C 192	19	1.2	19	1	US-10-698-311-163	Sequence 163, App1
120	19	1.2	19	1	US-10-698-311-91	Sequence 91, App1	C 193	19	1.2	19	1	US-10-698-311-164	Sequence 164, App1
121	19	1.2	19	1	US-10-698-311-92	Sequence 92, App1	C 194	19	1.2	19	1	US-10-698-311-165	Sequence 165, App1
122	19	1.2	19	1	US-10-698-311-93	Sequence 93, App1	C 195	19	1.2	19	1	US-10-698-311-166	Sequence 166, App1
123	19	1.2	19	1	US-10-698-311-94	Sequence 94, App1	C 196	19	1.2	19	1	US-10-698-311-167	Sequence 167, App1
124	19	1.2	19	1	US-10-698-311-95	Sequence 95, App1	C 197	19	1.2	19	1	US-10-698-311-168	Sequence 168, App1
125	19	1.2	19	1	US-10-698-311-96	Sequence 96, App1	C 198	19	1.2	19	1	US-10-698-311-169	Sequence 169, App1
126	19	1.2	19	1	US-10-698-311-97	Sequence 97, App1	C 199	19	1.2	19	1	US-10-698-311-170	Sequence 170, App1
127	19	1.2	19	1	US-10-698-311-98	Sequence 98, App1	C 200	19	1.2	19	1	US-10-698-311-171	Sequence 171, App1
128	19	1.2	19	1	US-10-698-311-99	Sequence 99, App1	C 201	19	1.2	19	1	US-10-698-311-172	Sequence 172, App1
129	19	1.2	19	1	US-10-698-311-100	Sequence 100, App1	C 202	19	1.2	19	1	US-10-861-060-1	Sequence 1, App1
130	19	1.2	19	1	US-10-698-311-101	Sequence 101, App1	C 203	19	1.2	19	1	US-10-861-060-2	Sequence 2, App1
131	19	1.2	19	1	US-10-698-311-102	Sequence 102, App1	C 204	19	1.2	19	1	US-10-861-060-3	Sequence 3, App1
132	19	1.2	19	1	US-10-698-311-103	Sequence 103, App1	C 205	19	1.2	19	1	US-10-861-060-4	Sequence 4, App1
133	19	1.2	19	1	US-10-698-311-104	Sequence 104, App1	C 206	19	1.2	19	1	US-10-861-060-5	Sequence 5, App1
134	19	1.2	19	1	US-10-698-311-105	Sequence 105, App1	C 207	19	1.2	19	1	US-10-861-060-6	Sequence 6, App1
135	19	1.2	19	1	US-10-698-311-106	Sequence 106, App1	C 208	19	1.2	19	1	US-10-861-060-7	Sequence 7, App1
136	19	1.2	19	1	US-10-698-311-107	Sequence 107, App1	C 209	19	1.2	19	1	US-10-861-060-8	Sequence 8, App1
137	19	1.2	19	1	US-10-698-311-108	Sequence 108, App1	C 210	19	1.2	19	1	US-10-861-060-9	Sequence 9, App1
138	19	1.2	19	1	US-10-698-311-109	Sequence 109, App1	C 211	19	1.2	19	1	US-10-861-060-10	Sequence 10, App1
139	19	1.2	19	1	US-10-698-311-110	Sequence 110, App1	C 212	19	1.2	19	1	US-10-861-060-11	Sequence 11, App1
140	19	1.2	19	1	US-10-698-311-111	Sequence 111, App1	C 213	19	1.2	19	1	US-10-861-060-12	Sequence 12, App1
141	19	1.2	19	1	US-10-698-311-112	Sequence 112, App1	C 214	19	1.2	19	1	US-10-861-060-13	Sequence 13, App1
142	19	1.2	19	1	US-10-698-311-113	Sequence 113, App1	C 215	19	1.2	19	1	US-10-861-060-14	Sequence 14, App1
143	19	1.2	19	1	US-10-698-311-114	Sequence 114, App1	C 216	19	1.2	19	1	US-10-861-060-15	Sequence 15, App1
144	19	1.2	19	1	US-10-698-311-115	Sequence 115, App1	C 217	19	1.2	19	1	US-10-861-060-16	Sequence 16, App1
145	19	1.2	19	1	US-10-698-311-116	Sequence 116, App1	C 218	19	1.2	19	1	US-10-861-060-17	Sequence 17, App1
146	19	1.2	19	1	US-10-698-311-117	Sequence 117, App1	C 219	19	1.2	19	1	US-10-861-060-18	Sequence 18, App1
147	19	1.2	19	1	US-10-698-311-118	Sequence 118, App1	C 220	19	1.2	19	1	US-10-861-060-19	Sequence 19, App1
148	19	1.2	19	1	US-10-698-311-119	Sequence 119, App1	C 221	19	1.2	19	1	US-10-861-060-20	Sequence 20, App1
149	19	1.2	19	1	US-10-698-311-120	Sequence 120, App1	C 222	19	1.2	19	1	US-10-861-060-21	Sequence 21, App1
150	19	1.2	19	1	US-10-698-311-121	Sequence 121, App1	C 223	19	1.2	19	1	US-10-861-060-22	Sequence 22, App1
151	19	1.2	19	1	US-10-698-311-122	Sequence 122, App1	C 224	19	1.2	19	1	US-10-861-060-23	Sequence 23, App1
152	19	1.2	19	1	US-10-698-311-123	Sequence 123, App1	C 225	19	1.2	19	1	US-10-861-060-24	Sequence 24, App1
153	19	1.2	19	1	US-10-698-311-124	Sequence 124, App1	C 226	19	1.2	19	1	US-10-861-060-25	Sequence 25, App1
154	19	1.2	19	1	US-10-698-311-125	Sequence 125, App1	C 227	19	1.2	19	1	US-10-861-060-26	Sequence 26, App1
155	19	1.2	19	1	US-10-698-311-126	Sequence 126, App1	C 228	19	1.2	19	1	US-10-861-060-27	Sequence 27, App1
156	19	1.2	19	1	US-10-698-311-127	Sequence 127, App1	C 229	19	1.2	19	1	US-10-861-060-28	Sequence 28, App1
157	19	1.2	19	1	US-10-698-311-128	Sequence 128, App1	C 230	19	1.2	19	1	US-10-861-060-29	Sequence 29, App1
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159	19	1.2	19	1	US-10-698-311-130	Sequence 130, App1	C 232	19	1.2	19	1	US-10-861-060-31	Sequence 31, App1
160	19	1.2	19	1	US-10-698-311-131	Sequence 131, App1	C 233	19	1.2	19	1	US-10-861-060-32	Sequence 32, App1
161	19	1.2	19	1	US-10-698-311-132	Sequence 132, App1	C 234	19	1.2	19	1	US-10-861-060-33	Sequence 33, App1
162	19	1.2	19	1	US-10-698-311-133	Sequence 133, App1	C 235	19	1.2	19	1	US-10-861-060-34	Sequence 34, App1
163	19	1.2	19	1	US-10-698-311-134	Sequence 134, App1	C 236	19	1.2	19	1	US-10-861-060-35	Sequence 35, App1
164	19	1.2	19	1	US-10-698-311-135	Sequence 135, App1	C 237	19	1.2	19	1	US-10-861-060-36	Sequence 36, App1
165	19	1.2	19	1	US-10-698-311-136	Sequence 136, App1	C 238	19	1.2	19	1	US-10-861-060-37	Sequence 37, App1
166	19	1.2	19	1	US-10-698-311-137	Sequence 137, App1	C 239	19	1.2	19	1	US-10-861-060-38	Sequence 38, App1
167	19	1.2	19	1	US-10-698-311-138	Sequence 138, App1	C 240	19	1.2	19	1	US-10-861-060-39	Sequence 39, App1
168	19	1.2	19	1	US-10-698-311-139	Sequence 139, App1	C 241	19	1.2	19	1	US-10-861-060-40	Sequence 40, App1
169	19	1.2	19	1	US-10-698-311-140	Sequence 140, App1	C 242	19	1.2	19	1	US-10-861-060-41	Sequence 41, App1
170	19	1.2	19	1	US-10-698-311-141	Sequence 141, App1	C 243	19	1.2	19	1	US-10-861-060-42	Sequence 42, App1
171	19	1.2	19	1	US-10-698-311-142	Sequence 142, App1	C 244	19	1.2	19	1	US-10-861-060-43	Sequence 43, App1
172	19	1.2	19	1	US-10-698-311-143	Sequence 143, App1	C 245	19	1.2	19	1	US-10-861-060-44	Sequence 44, App1
173	19	1.2	19	1	US-10-698-311-144	Sequence 144, App1	C 246	19	1.2	19	1	US-10-861-060-45	Sequence 45, App1
174	19	1.2	19	1	US-10-698-311-145	Sequence 145, App1	C 247	19	1.2	19	1	US-10-861-060-46	Sequence 46, App1
175	19	1.2	19	1	US-10-698-311-146	Sequence 146, App1	C 248	19	1.2	19	1	US-10-861-060-47	Sequence 47, App1
176	19	1.2	19	1	US-10-698-311-147	Sequence 147, App1	C 249	19	1.2	19	1	US-10-861-060-48	Sequence 48, App1
177	19	1.2	19	1	US-10-698-311-148	Sequence 148, App1	C 250	19	1.2	19	1	US-10-861-060-49	Sequence 49, App1
178	19	1.2	19	1	US-10-698-311-149	Sequence 149, App1	C 251	19	1.2	19	1	US-10-861-060-50	Sequence 50, App1
179	19	1.2	19	1	US-10-698-311-150	Sequence 150, App1	C 252	19	1.2	19	1	US-10-861-060-51	Sequence 51, App1

253	19	1.2	19	1	US-10-861-060-52	Sequence 52, App1	C 326	19	1.2	19	1	US-10-861-060-125	Sequence 125, App
254	19	1.2	19	1	US-10-861-060-53	Sequence 53, App1	C 327	19	1.2	19	1	US-10-861-060-126	Sequence 126, App
255	19	1.2	19	1	US-10-861-060-54	Sequence 54, App1	C 328	19	1.2	19	1	US-10-861-060-127	Sequence 127, App
256	19	1.2	19	1	US-10-861-060-55	Sequence 55, App1	C 329	19	1.2	19	1	US-10-861-060-128	Sequence 128, App
257	19	1.2	19	1	US-10-861-060-56	Sequence 56, App1	C 330	19	1.2	19	1	US-10-861-060-129	Sequence 129, App
258	19	1.2	19	1	US-10-861-060-57	Sequence 57, App1	C 331	19	1.2	19	1	US-10-861-060-130	Sequence 130, App
259	19	1.2	19	1	US-10-861-060-58	Sequence 58, App1	C 332	19	1.2	19	1	US-10-861-060-131	Sequence 131, App
260	19	1.2	19	1	US-10-861-060-59	Sequence 59, App1	C 333	19	1.2	19	1	US-10-861-060-132	Sequence 132, App
261	19	1.2	19	1	US-10-861-060-60	Sequence 60, App1	C 334	19	1.2	19	1	US-10-861-060-133	Sequence 133, App
262	19	1.2	19	1	US-10-861-060-61	Sequence 61, App1	C 335	19	1.2	19	1	US-10-861-060-134	Sequence 134, App
263	19	1.2	19	1	US-10-861-060-62	Sequence 62, App1	C 336	19	1.2	19	1	US-10-861-060-135	Sequence 135, App
264	19	1.2	19	1	US-10-861-060-63	Sequence 63, App1	C 337	19	1.2	19	1	US-10-861-060-136	Sequence 136, App
265	19	1.2	19	1	US-10-861-060-64	Sequence 64, App1	C 338	19	1.2	19	1	US-10-861-060-137	Sequence 137, App
266	19	1.2	19	1	US-10-861-060-65	Sequence 65, App1	C 339	19	1.2	19	1	US-10-861-060-138	Sequence 138, App
267	19	1.2	19	1	US-10-861-060-66	Sequence 66, App1	C 340	19	1.2	19	1	US-10-861-060-139	Sequence 139, App
268	19	1.2	19	1	US-10-861-060-67	Sequence 67, App1	C 341	19	1.2	19	1	US-10-861-060-140	Sequence 140, App
269	19	1.2	19	1	US-10-861-060-68	Sequence 68, App1	C 342	19	1.2	19	1	US-10-861-060-141	Sequence 141, App
270	19	1.2	19	1	US-10-861-060-69	Sequence 69, App1	C 343	19	1.2	19	1	US-10-861-060-142	Sequence 142, App
271	19	1.2	19	1	US-10-861-060-70	Sequence 70, App1	C 344	19	1.2	19	1	US-10-861-060-143	Sequence 143, App
272	19	1.2	19	1	US-10-861-060-71	Sequence 71, App1	C 345	19	1.2	19	1	US-10-861-060-144	Sequence 144, App
273	19	1.2	19	1	US-10-861-060-72	Sequence 72, App1	C 346	19	1.2	19	1	US-10-861-060-145	Sequence 145, App
274	19	1.2	19	1	US-10-861-060-73	Sequence 73, App1	C 347	19	1.2	19	1	US-10-861-060-146	Sequence 146, App
275	19	1.2	19	1	US-10-861-060-74	Sequence 74, App1	C 348	19	1.2	19	1	US-10-861-060-147	Sequence 147, App
276	19	1.2	19	1	US-10-861-060-75	Sequence 75, App1	C 349	19	1.2	19	1	US-10-861-060-148	Sequence 148, App
277	19	1.2	19	1	US-10-861-060-76	Sequence 76, App1	C 350	19	1.2	19	1	US-10-861-060-149	Sequence 149, App
278	19	1.2	19	1	US-10-861-060-77	Sequence 77, App1	C 351	19	1.2	19	1	US-10-861-060-150	Sequence 150, App
279	19	1.2	19	1	US-10-861-060-78	Sequence 78, App1	C 352	19	1.2	19	1	US-10-861-060-151	Sequence 151, App
280	19	1.2	19	1	US-10-861-060-79	Sequence 79, App1	C 353	19	1.2	19	1	US-10-861-060-152	Sequence 152, App
281	19	1.2	19	1	US-10-861-060-80	Sequence 80, App1	C 354	19	1.2	19	1	US-10-861-060-153	Sequence 153, App
282	19	1.2	19	1	US-10-861-060-81	Sequence 81, App1	C 355	19	1.2	19	1	US-10-861-060-154	Sequence 154, App
283	19	1.2	19	1	US-10-861-060-82	Sequence 82, App1	C 356	19	1.2	19	1	US-10-861-060-155	Sequence 155, App
284	19	1.2	19	1	US-10-861-060-83	Sequence 83, App1	C 357	19	1.2	19	1	US-10-861-060-156	Sequence 156, App
285	19	1.2	19	1	US-10-861-060-84	Sequence 84, App1	C 358	19	1.2	19	1	US-10-861-060-157	Sequence 157, App
286	19	1.2	19	1	US-10-861-060-85	Sequence 85, App1	C 359	19	1.2	19	1	US-10-861-060-158	Sequence 158, App
287	19	1.2	19	1	US-10-861-060-86	Sequence 86, App1	C 360	19	1.2	19	1	US-10-861-060-159	Sequence 159, App
288	19	1.2	19	1	US-10-861-060-87	Sequence 87, App1	C 361	19	1.2	19	1	US-10-861-060-160	Sequence 160, App
289	19	1.2	19	1	US-10-861-060-88	Sequence 88, App1	C 362	19	1.2	19	1	US-10-861-060-161	Sequence 161, App
290	19	1.2	19	1	US-10-861-060-89	Sequence 89, App1	C 363	19	1.2	19	1	US-10-861-060-162	Sequence 162, App
291	19	1.2	19	1	US-10-861-060-90	Sequence 90, App1	C 364	19	1.2	19	1	US-10-861-060-163	Sequence 163, App
292	19	1.2	19	1	US-10-861-060-91	Sequence 91, App1	C 365	19	1.2	19	1	US-10-861-060-164	Sequence 164, App
293	19	1.2	19	1	US-10-861-060-92	Sequence 92, App1	C 366	19	1.2	19	1	US-10-861-060-165	Sequence 165, App
294	19	1.2	19	1	US-10-861-060-93	Sequence 93, App1	C 367	19	1.2	19	1	US-10-861-060-166	Sequence 166, App
295	19	1.2	19	1	US-10-861-060-94	Sequence 94, App1	C 368	19	1.2	19	1	US-10-861-060-167	Sequence 167, App
296	19	1.2	19	1	US-10-861-060-95	Sequence 95, App1	C 369	19	1.2	19	1	US-10-861-060-168	Sequence 168, App
297	19	1.2	19	1	US-10-861-060-96	Sequence 96, App1	C 370	19	1.2	19	1	US-10-861-060-169	Sequence 169, App
298	19	1.2	19	1	US-10-861-060-97	Sequence 97, App1	C 371	19	1.2	19	1	US-10-861-060-170	Sequence 170, App
299	19	1.2	19	1	US-10-861-060-98	Sequence 98, App1	C 372	19	1.2	19	1	US-10-861-060-171	Sequence 171, App
300	19	1.2	19	1	US-10-861-060-99	Sequence 99, App1	C 373	19	1.2	19	1	US-10-861-060-172	Sequence 172, App
301	19	1.2	19	1	US-10-861-060-100	Sequence 100, App	C 374	19	1.2	21	1	US-10-861-060-173	Sequence 173, App
302	19	1.2	19	1	US-10-861-060-101	Sequence 101, App	C 375	19	1.2	21	1	US-10-698-311-253	Sequence 253, App
303	19	1.2	19	1	US-10-861-060-102	Sequence 102, App	C 376	19	1.2	21	1	US-10-698-311-254	Sequence 254, App
304	19	1.2	19	1	US-10-861-060-103	Sequence 103, App	C 377	19	1.2	21	1	US-10-698-311-255	Sequence 255, App
305	19	1.2	19	1	US-10-861-060-104	Sequence 104, App	C 378	19	1.2	21	1	US-10-698-311-256	Sequence 256, App
306	19	1.2	19	1	US-10-861-060-105	Sequence 105, App	C 379	19	1.2	21	1	US-10-698-311-257	Sequence 257, App
307	19	1.2	19	1	US-10-861-060-106	Sequence 106, App	C 380	19	1.2	21	1	US-10-698-311-258	Sequence 258, App
308	19	1.2	19	1	US-10-861-060-107	Sequence 107, App	C 381	19	1.2	21	1	US-10-698-311-259	Sequence 259, App
309	19	1.2	19	1	US-10-861-060-108	Sequence 108, App	C 382	19	1.2	21	1	US-10-698-311-260	Sequence 260, App
310	19	1.2	19	1	US-10-861-060-109	Sequence 109, App	C 383	19	1.2	21	1	US-10-698-311-261	Sequence 261, App
311	19	1.2	19	1	US-10-861-060-110	Sequence 110, App	C 384	19	1.2	21	1	US-10-698-311-262	Sequence 262, App
312	19	1.2	19	1	US-10-861-060-111	Sequence 111, App	C 385	19	1.2	21	1	US-10-698-311-263	Sequence 263, App
313	19	1.2	19	1	US-10-861-060-112	Sequence 112, App	C 386	19	1.2	21	1	US-10-698-311-264	Sequence 264, App
314	19	1.2	19	1	US-10-861-060-113	Sequence 113, App	C 387	19	1.2	21	1	US-10-698-311-265	Sequence 265, App
315	19	1.2	19	1	US-10-861-060-114	Sequence 114, App	C 388	19	1.2	21	1	US-10-698-311-266	Sequence 266, App
316	19	1.2	19	1	US-10-861-060-115	Sequence 115, App	C 389	19	1.2	21	1	US-10-698-311-267	Sequence 267, App
317	19	1.2	19	1	US-10-861-060-116	Sequence 116, App	C 390	19	1.2	21	1	US-10-698-311-268	Sequence 268, App
318	19	1.2	19	1	US-10-861-060-117	Sequence 117, App	C 391	19	1.2	21	1	US-10-698-311-269	Sequence 269, App
319	19	1.2	19	1	US-10-861-060-118	Sequence 118, App	C 392	19	1.2	21	1	US-10-698-311-270	Sequence 270, App
320	19	1.2	19	1	US-10-861-060-119	Sequence 119, App	C 393	19	1.2	21	1	US-10-698-311-271	Sequence 271, App
321	19	1.2	19	1	US-10-861-060-120	Sequence 120, App	C 394	19	1.2	21	1	US-10-698-311-272	Sequence 272, App
322	19	1.2	19	1	US-10-861-060-121	Sequence 121, App	C 395	19	1.2	21	1	US-10-698-311-273	Sequence 273, App
323	19	1.2	19	1	US-10-861-060-122	Sequence 122, App	C 396	19	1.2	21	1	US-10-698-311-274	Sequence 274, App
324	19	1.2	19	1	US-10-861-060-123	Sequence 123, App	C 397	19	1.2	21	1	US-10-698-311-275	Sequence 275, App
325	19	1.2	19	1	US-10-861-060-124	Sequence 124, App	C 398	19	1.2	21	1	US-10-698-311-276	Sequence 276, App
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C 400	19	1.2	21	1	US-10-698-311-279	Sequence 279, App	473	19	1.2	21	1	US-10-861-060-312	Sequence 312, App
C 401	19	1.2	21	1	US-10-698-311-280	Sequence 280, App	C 474	19	1.2	21	1	US-10-861-060-313	Sequence 313, App
C 402	19	1.2	21	1	US-10-698-311-281	Sequence 281, App	C 475	19	1.2	21	1	US-10-861-060-314	Sequence 314, App
C 403	19	1.2	21	1	US-10-698-311-282	Sequence 282, App	C 476	19	1.2	21	1	US-10-861-060-315	Sequence 315, App
C 404	19	1.2	21	1	US-10-698-311-283	Sequence 283, App	C 477	19	1.2	21	1	US-10-861-060-316	Sequence 316, App
C 405	19	1.2	21	1	US-10-698-311-284	Sequence 284, App	C 478	19	1.2	21	1	US-10-861-060-317	Sequence 317, App
C 406	19	1.2	21	1	US-10-698-311-285	Sequence 285, App	C 479	19	1.2	21	1	US-10-861-060-318	Sequence 318, App
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C 416	19	1.2	21	1	US-10-861-060-256	Sequence 256, App	C 489	19	1.2	21	1	US-10-861-060-328	Sequence 328, App
C 417	19	1.2	21	1	US-10-861-060-257	Sequence 257, App	C 490	19	1.2	21	1	US-10-861-060-329	Sequence 329, App
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C 455	19	1.2	21	1	US-10-861-060-295	Sequence 295, App	C 528	18	1.2	19	1	US-10-698-311-229	Sequence 229, App
C 456	19	1.2	21	1	US-10-861-060-296	Sequence 296, App	C 529	18	1.2	19	1	US-10-698-311-230	Sequence 230, App
C 457	19	1.2	21	1	US-10-861-060-297	Sequence 297, App	C 530	18	1.2	19	1	US-10-698-311-248	Sequence 248, App
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548	17.4	1.1	19	1	US-10-698-311-176	Sequence 176, App	621	17.4	1.1	19	1	US-10-861-060-181	Sequence 181, App
549	17.4	1.1	19	1	US-10-698-311-177	Sequence 177, App	622	17.4	1.1	19	1	US-10-861-060-182	Sequence 182, App
550	17.4	1.1	19	1	US-10-698-311-178	Sequence 178, App	623	17.4	1.1	19	1	US-10-861-060-183	Sequence 183, App
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552	17.4	1.1	19	1	US-10-698-311-180	Sequence 180, App	625	17.4	1.1	19	1	US-10-861-060-185	Sequence 185, App
553	17.4	1.1	19	1	US-10-698-311-181	Sequence 181, App	626	17.4	1.1	19	1	US-10-861-060-186	Sequence 186, App
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557	17.4	1.1	19	1	US-10-698-311-185	Sequence 185, App	630	17.4	1.1	19	1	US-10-861-060-190	Sequence 190, App
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559	17.4	1.1	19	1	US-10-698-311-187	Sequence 187, App	632	17.4	1.1	19	1	US-10-861-060-192	Sequence 194, App
560	17.4	1.1	19	1	US-10-698-311-188	Sequence 188, App	633	17.4	1.1	19	1	US-10-861-060-193	Sequence 195, App
561	17.4	1.1	19	1	US-10-698-311-189	Sequence 189, App	634	17.4	1.1	19	1	US-10-861-060-194	Sequence 196, App
562	17.4	1.1	19	1	US-10-698-311-190	Sequence 190, App	635	17.4	1.1	19	1	US-10-861-060-195	Sequence 197, App
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564	17.4	1.1	19	1	US-10-698-311-194	Sequence 194, App	637	17.4	1.1	19	1	US-10-861-060-198	Sequence 199, App
565	17.4	1.1	19	1	US-10-698-311-195	Sequence 195, App	638	17.4	1.1	19	1	US-10-861-060-199	Sequence 200, App
566	17.4	1.1	19	1	US-10-698-311-196	Sequence 196, App	639	17.4	1.1	19	1	US-10-861-060-200	Sequence 201, App
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568	17.4	1.1	19	1	US-10-698-311-198	Sequence 198, App	641	17.4	1.1	19	1	US-10-861-060-202	Sequence 203, App
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C 603	17.4	1.1	19	1	US-10-698-311-237	Sequence 237, App	C 676	17.4	1.1	19	1	US-10-861-060-243	Sequence 243, App
C 604	17.4	1.1	19	1	US-10-698-311-238	Sequence 238, App	C 677	17.4	1.1	19	1	US-10-861-060-244	Sequence 244, App
C 605	17.4	1.1	19	1	US-10-698-311-239	Sequence 239, App	C 678	17.4	1.1	19	1	US-10-861-060-245	Sequence 245, App
C 606	17.4	1.1	19	1	US-10-698-311-240	Sequence 240, App	C 679	17.4	1.1	19	1	US-10-861-060-246	Sequence 246, App
C 607	17.4	1.1	19	1	US-10-698-311-241	Sequence 241, App	C 680	17.4	1.1	19	1	US-10-861-060-247	Sequence 247, App
C 608	17.4	1.1	19	1	US-10-698-311-242	Sequence 242, App	C 681	17.4	1.1	19	1	US-10-861-060-247	Sequence 248, App
C 609	17.4	1.1	19	1	US-10-698-311-243	Sequence 243, App	C 682	17.4	1.1	21	1	US-10-998-311-302	Sequence 302, App
C 610	17.4	1.1	19	1	US-10-698-311-244	Sequence 244, App	C 683	17.4	1.1	21	1	US-10-998-311-303	Sequence 303, App
C 611	17.4	1.1	19	1	US-10-698-311-245	Sequence 245, App	C 684	17.4	1.1	21	1	US-10-998-311-304	Sequence 304, App
C 612	17.4	1.1	19	1	US-10-698-311-246	Sequence 246, App	C 685	17.4	1.1	21	1	US-10-998-311-305	Sequence 305, App
C 613	17.4	1.1	19	1	US-10-698-311-247	Sequence 247, App	C 686	17.4	1.1	21	1	US-10-998-311-307	Sequence 307, App
C 614	17.4	1.1	19	1	US-10-861-060-174	Sequence 174, App	C 687	17.4	1.1	21	1	US-10-698-311-308	Sequence 308, App
C 615	17.4	1.1	19	1	US-10-861-060-175	Sequence 175, App	C 688	17.4	1.1	21	1	US-10-698-311-310	Sequence 309, App
C 616	17.4	1.1	19	1	US-10-861-060-176	Sequence 176, App	C 689	17.4	1.1	21	1	US-10-698-311-310	Sequence 310, App
C 617	17.4	1.1	19	1	US-10-861-060-177	Sequence 177, App	C 690	17.4	1.1	21	1	US-10-861-060-362	Sequence 362, App

C 691	17.4	1.1	21	1	US-10-861-060-363	Sequence 363, App	764	10.8	0.7	19	1	US-10-698-311-90	Sequence 90, Appl
C 692	17.4	1.1	21	1	US-10-861-060-364	Sequence 364, App	765	10.8	0.7	19	1	US-10-698-311-123	Sequence 123, App
C 693	17.4	1.1	21	1	US-10-861-060-365	Sequence 365, App	766	10.8	0.7	19	1	US-10-698-311-132	Sequence 132, App
C 694	17.4	1.1	21	1	US-10-861-060-367	Sequence 367, App	767	10.8	0.7	19	1	US-10-698-311-167	Sequence 167, App
C 695	17.4	1.1	21	1	US-10-861-060-368	Sequence 368, App	768	10.8	0.7	19	1	US-10-861-060-4	Sequence 4, Appl
C 696	17.4	1.1	21	1	US-10-861-060-369	Sequence 369, App	769	10.8	0.7	19	1	US-10-861-060-37	Sequence 37, Appl
C 697	17.4	1.1	21	1	US-10-861-060-370	Sequence 370, App	770	10.8	0.7	19	1	US-10-861-060-46	Sequence 46, Appl
C 698	17.4	1.1	21	1	US-10-861-060-370	Sequence 370, App	771	10.8	0.7	19	1	US-10-861-060-81	Sequence 81, Appl
C 699	15.8	1.0	19	1	US-10-367-438-204	Sequence 22, Appl	772	10.8	0.7	19	1	US-10-861-060-90	Sequence 90, Appl
C 700	14.8	1.0	18	1	US-09-366-264-28	Sequence 28, App	773	10.8	0.7	19	1	US-10-861-060-123	Sequence 123, App
C 701	14.8	1.0	18	1	US-10-108-260A-5221	Sequence 204, App	774	10.8	0.7	19	1	US-10-861-060-167	Sequence 167, App
C 702	14.8	1.0	18	1	US-10-108-260A-5221	Sequence 204, App	775	10.8	0.7	19	1	US-10-861-060-171	Sequence 171, App
C 703	14.4	0.9	18	1	US-10-349-143-6082	Sequence 5221, Ap	776	10.6	0.7	19	1	US-10-698-311-16	Sequence 16, Appl
C 704	14.4	0.9	18	1	US-09-925-388-30	Sequence 6082, Ap	777	10.6	0.7	19	1	US-10-698-311-24	Sequence 24, Appl
C 705	12.8	0.8	19	1	US-10-431-846-30	Sequence 30, Appl	778	10.6	0.7	19	1	US-10-698-311-41	Sequence 41, Appl
C 706	12.8	0.8	19	1	US-10-698-311-61	Sequence 61, Appl	779	10.6	0.7	19	1	US-10-698-311-62	Sequence 62, Appl
C 707	12.8	0.8	19	1	US-10-698-311-147	Sequence 147, App	780	10.6	0.7	19	1	US-10-698-311-65	Sequence 65, Appl
C 708	12.8	0.8	19	1	US-10-861-060-61	Sequence 61, Appl	781	10.6	0.7	19	1	US-10-698-311-85	Sequence 85, Appl
C 709	12.6	0.8	19	1	US-10-861-060-147	Sequence 147, App	782	10.6	0.7	19	1	US-10-698-311-102	Sequence 102, App
C 710	12.2	0.8	19	1	US-10-367-438-204	Sequence 204, App	783	10.6	0.7	19	1	US-10-698-311-110	Sequence 110, App
C 711	12.2	0.8	19	1	US-10-698-311-19	Sequence 19, Appl	784	10.6	0.7	19	1	US-10-698-311-118	Sequence 118, App
C 712	12.2	0.8	19	1	US-10-698-311-105	Sequence 19, Appl	785	10.6	0.7	19	1	US-10-698-311-127	Sequence 127, App
C 713	12.2	0.8	19	1	US-10-861-060-19	Sequence 19, App	786	10.6	0.7	19	1	US-10-698-311-148	Sequence 148, App
C 714	12.2	0.8	21	1	US-10-861-060-105	Sequence 19, Appl	787	10.6	0.7	19	1	US-10-698-311-151	Sequence 151, App
C 715	12.2	0.8	21	1	US-10-861-060-297	Sequence 105, App	788	10.6	0.7	19	1	US-10-861-060-16	Sequence 16, Appl
C 716	12.2	0.8	21	1	US-10-861-060-305	Sequence 297, App	789	10.6	0.7	19	1	US-10-861-060-41	Sequence 41, Appl
C 717	12.2	0.8	21	1	US-10-861-060-313	Sequence 305, App	790	10.6	0.7	19	1	US-10-861-060-62	Sequence 62, Appl
C 718	12.2	0.8	21	1	US-10-861-060-321	Sequence 313, App	791	10.6	0.7	19	1	US-10-861-060-65	Sequence 65, Appl
C 719	12.2	0.8	21	1	US-10-861-060-329	Sequence 321, App	792	10.6	0.7	19	1	US-10-861-060-85	Sequence 85, Appl
C 720	12.2	0.8	21	1	US-10-861-060-337	Sequence 329, App	793	10.6	0.7	19	1	US-10-861-060-102	Sequence 102, App
C 721	12.2	0.8	21	1	US-10-861-060-345	Sequence 337, App	794	10.6	0.7	19	1	US-10-861-060-110	Sequence 110, App
C 722	11.8	0.8	19	1	US-10-698-311-78	Sequence 345, App	795	10.6	0.7	19	1	US-10-861-060-127	Sequence 127, App
C 723	11.8	0.8	19	1	US-10-698-311-164	Sequence 78, Appl	796	10.6	0.7	19	1	US-10-861-060-148	Sequence 148, App
C 724	11.8	0.8	19	1	US-10-861-060-78	Sequence 164, App	797	10.6	0.7	19	1	US-10-861-060-151	Sequence 151, App
C 725	11.6	0.8	19	1	US-10-861-060-164	Sequence 78, Appl	798	10.6	0.7	19	1	US-10-861-060-171	Sequence 171, App
C 726	11.6	0.8	19	1	US-10-698-311-57	Sequence 164, App	799	10.6	0.7	19	1	US-10-698-311-47	Sequence 47, Appl
C 727	11.6	0.8	19	1	US-10-698-311-63	Sequence 57, Appl	800	10.6	0.7	19	1	US-10-698-311-58	Sequence 58, Appl
C 728	11.6	0.8	19	1	US-10-698-311-149	Sequence 63, Appl	801	10.4	0.7	19	1	US-10-698-311-113	Sequence 113, App
C 729	11.6	0.8	19	1	US-10-861-060-57	Sequence 143, App	802	10.4	0.7	19	1	US-10-698-311-137	Sequence 137, App
C 730	11.6	0.8	19	1	US-10-861-060-63	Sequence 57, Appl	803	10.4	0.7	19	1	US-10-698-311-144	Sequence 144, App
C 731	11.6	0.8	19	1	US-10-861-060-113	Sequence 63, App	804	10.4	0.7	19	1	US-10-698-311-155	Sequence 155, Appl
C 732	11.6	0.8	19	1	US-10-861-060-149	Sequence 143, App	805	10.4	0.7	19	1	US-10-698-311-166	Sequence 166, App
C 733	11.2	0.7	21	1	US-10-908-400A-62	Sequence 149, App	806	10.4	0.7	19	1	US-10-698-311-137	Sequence 137, App
C 734	11.2	0.7	21	1	US-10-908-400A-63	Sequence 62, Appl	807	10.4	0.7	19	1	US-10-698-311-141	Sequence 141, App
C 735	11.2	0.7	19	1	US-10-698-311-2	Sequence 63, Appl	808	10.4	0.7	19	1	US-10-698-311-166	Sequence 166, App
C 736	11.2	0.7	19	1	US-10-698-311-18	Sequence 2, Appl	809	10.4	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 737	11.2	0.7	19	1	US-10-698-311-43	Sequence 18, Appl	810	10.4	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 738	11.2	0.7	19	1	US-10-698-311-68	Sequence 43, Appl	811	10.4	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 739	11.2	0.7	19	1	US-10-698-311-82	Sequence 68, Appl	812	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 740	11.2	0.7	19	1	US-10-698-311-88	Sequence 82, Appl	813	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 741	11.2	0.7	19	1	US-10-698-311-104	Sequence 88, Appl	814	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 742	11.2	0.7	19	1	US-10-698-311-129	Sequence 104, App	815	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 743	11.2	0.7	19	1	US-10-698-311-154	Sequence 129, App	816	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 744	11.2	0.7	19	1	US-10-698-311-168	Sequence 154, App	817	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 745	11.2	0.7	19	1	US-10-861-060-2	Sequence 168, App	818	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 746	11.2	0.7	19	1	US-10-861-060-18	Sequence 2, Appl	819	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 747	11.2	0.7	19	1	US-10-861-060-43	Sequence 18, Appl	820	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 748	11.2	0.7	19	1	US-10-861-060-68	Sequence 43, Appl	821	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 749	11.2	0.7	19	1	US-10-861-060-82	Sequence 68, Appl	822	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 750	11.2	0.7	19	1	US-10-861-060-88	Sequence 82, Appl	823	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 751	11.2	0.7	19	1	US-10-861-060-104	Sequence 88, Appl	824	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 752	11.2	0.7	19	1	US-10-861-060-129	Sequence 104, App	825	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 753	11.2	0.7	19	1	US-10-861-060-154	Sequence 129, App	826	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 754	11.2	0.7	19	1	US-10-861-060-168	Sequence 154, App	827	10.2	0.7	19	1	US-10-698-311-180	Sequence 180, App
C 755	11.2	0.7	21	1	US-10-991-286A-7	Sequence 168, App	828	10.2	0.7	19	1	US-10-698-311-6	Sequence 6, Appl
C 756	11.2	0.7	21	1	US-10-908-400A-58	Sequence 7, Appl	829	10.2	0.7	19	1	US-10-698-311-50	Sequence 50, Appl
C 757	11.2	0.7	21	1	US-10-908-400A-59	Sequence 58, Appl	830	10.2	0.7	19	1	US-10-698-311-92	Sequence 92, Appl
C 758	11.2	0.7	22	1	US-10-980-850-42	Sequence 59, Appl	831	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App
C 759	11.2	0.7	23	1	US-10-991-286A-8	Sequence 42, Appl	832	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App
C 760	10.8	0.7	19	1	US-10-698-311-4	Sequence 4, Appl	833	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App
C 761	10.8	0.7	19	1	US-10-698-311-37	Sequence 37, Appl	834	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App
C 762	10.8	0.7	19	1	US-10-698-311-46	Sequence 46, Appl	835	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App
C 763	10.8	0.7	19	1	US-10-698-311-81	Sequence 81, Appl	836	10.2	0.7	19	1	US-10-698-311-136	Sequence 136, App

C 837	9.6	0.6	18	1	US-10-349-143-6082	Sequence 6082, App
C 838	9.6	0.6	19	1	US-10-698-311-59	Sequence 59, App1
C 839	9.6	0.6	19	1	US-10-698-311-71	Sequence 71, App1
C 840	9.6	0.6	19	1	US-10-698-311-79	Sequence 79, App1
C 841	9.6	0.6	19	1	US-10-698-311-145	Sequence 145, App
C 842	9.6	0.6	19	1	US-10-698-311-157	Sequence 157, App
C 843	9.6	0.6	19	1	US-10-698-311-165	Sequence 165, App
C 844	9.6	0.6	19	1	US-10-861-060-59	Sequence 59, App1
C 845	9.6	0.6	19	1	US-10-861-060-71	Sequence 71, App1
C 846	9.6	0.6	19	1	US-10-861-060-79	Sequence 79, App1
C 847	9.6	0.6	19	1	US-10-861-060-145	Sequence 145, App
C 848	9.6	0.6	19	1	US-10-861-060-157	Sequence 157, App
C 849	9.6	0.6	19	1	US-10-861-060-165	Sequence 165, App
C 850	9.6	0.6	21	1	US-10-698-311-253	Sequence 253, App
C 851	9.6	0.6	21	1	US-10-698-311-256	Sequence 256, App
C 852	9.6	0.6	21	1	US-10-698-311-257	Sequence 257, App
C 853	9.6	0.6	21	1	US-10-698-311-260	Sequence 260, App
C 854	9.6	0.6	21	1	US-10-698-311-261	Sequence 261, App
C 855	9.6	0.6	21	1	US-10-698-311-264	Sequence 264, App
C 856	9.6	0.6	21	1	US-10-698-311-265	Sequence 265, App
C 857	9.6	0.6	21	1	US-10-698-311-268	Sequence 268, App
C 858	9.6	0.6	21	1	US-10-698-311-269	Sequence 269, App
C 859	9.6	0.6	21	1	US-10-698-311-272	Sequence 272, App
C 860	9.6	0.6	21	1	US-10-698-311-273	Sequence 273, App
C 861	9.6	0.6	21	1	US-10-698-311-276	Sequence 276, App
C 862	9.6	0.6	21	1	US-10-698-311-277	Sequence 277, App
C 863	9.6	0.6	21	1	US-10-698-311-280	Sequence 280, App
C 864	9.6	0.6	21	1	US-10-698-311-281	Sequence 281, App
C 865	9.6	0.6	21	1	US-10-698-311-284	Sequence 284, App
C 866	9.6	0.6	21	1	US-10-698-311-285	Sequence 285, App
C 867	9.6	0.6	21	1	US-10-698-311-288	Sequence 288, App
C 868	9.6	0.6	21	1	US-10-698-311-289	Sequence 289, App
C 869	9.6	0.6	21	1	US-10-698-311-292	Sequence 292, App
C 870	9.6	0.6	21	1	US-10-861-060-253	Sequence 253, App
C 871	9.6	0.6	21	1	US-10-861-060-256	Sequence 256, App
C 872	9.6	0.6	21	1	US-10-861-060-257	Sequence 257, App
C 873	9.6	0.6	21	1	US-10-861-060-260	Sequence 260, App
C 874	9.6	0.6	21	1	US-10-861-060-261	Sequence 261, App
C 875	9.6	0.6	21	1	US-10-861-060-264	Sequence 264, App
C 876	9.6	0.6	21	1	US-10-861-060-265	Sequence 265, App
C 877	9.6	0.6	21	1	US-10-861-060-268	Sequence 268, App
C 878	9.6	0.6	21	1	US-10-861-060-269	Sequence 269, App
C 879	9.6	0.6	21	1	US-10-861-060-272	Sequence 272, App
C 880	9.6	0.6	21	1	US-10-861-060-273	Sequence 273, App
C 881	9.6	0.6	21	1	US-10-861-060-276	Sequence 276, App
C 882	9.6	0.6	21	1	US-10-861-060-277	Sequence 277, App
C 883	9.6	0.6	21	1	US-10-861-060-280	Sequence 280, App
C 884	9.6	0.6	21	1	US-10-861-060-281	Sequence 281, App
C 885	9.6	0.6	21	1	US-10-861-060-284	Sequence 284, App
C 886	9.6	0.6	21	1	US-10-861-060-285	Sequence 285, App
C 887	9.6	0.6	21	1	US-10-861-060-288	Sequence 288, App
C 888	9.6	0.6	21	1	US-10-861-060-289	Sequence 289, App
C 889	9.6	0.6	21	1	US-10-861-060-292	Sequence 292, App
C 890	9.6	0.6	21	1	US-10-861-060-296	Sequence 296, App
C 891	9.6	0.6	21	1	US-10-861-060-298	Sequence 298, App
C 892	9.6	0.6	21	1	US-10-861-060-299	Sequence 299, App
C 893	9.6	0.6	21	1	US-10-861-060-304	Sequence 304, App
C 894	9.6	0.6	21	1	US-10-861-060-306	Sequence 306, App
C 895	9.6	0.6	21	1	US-10-861-060-307	Sequence 307, App
C 896	9.6	0.6	21	1	US-10-861-060-312	Sequence 312, App
C 897	9.6	0.6	21	1	US-10-861-060-314	Sequence 314, App
C 898	9.6	0.6	21	1	US-10-861-060-315	Sequence 315, App
C 899	9.6	0.6	21	1	US-10-861-060-320	Sequence 320, App
C 900	9.6	0.6	21	1	US-10-861-060-322	Sequence 322, App
C 901	9.6	0.6	21	1	US-10-861-060-323	Sequence 323, App
C 902	9.6	0.6	21	1	US-10-861-060-328	Sequence 328, App
C 903	9.6	0.6	21	1	US-10-861-060-330	Sequence 330, App
C 904	9.6	0.6	21	1	US-10-861-060-331	Sequence 331, App
C 905	9.6	0.6	21	1	US-10-861-060-336	Sequence 336, App
C 906	9.6	0.6	21	1	US-10-861-060-338	Sequence 338, App
C 907	9.6	0.6	21	1	US-10-861-060-339	Sequence 339, App
C 908	9.6	0.6	21	1	US-10-861-060-344	Sequence 344, App
C 909	9.6	0.6	21	1	US-10-861-060-346	Sequence 346, App
C 910	9.6	0.6	21	1	US-10-861-060-347	Sequence 347, App
C 911	9.6	0.6	21	1	US-10-861-060-352	Sequence 352, App
C 912	9.6	0.6	23	1	US-10-698-311-249	Sequence 249, App
C 913	9.6	0.6	23	1	US-10-698-311-252	Sequence 252, App
C 914	9.6	0.6	23	1	US-10-861-060-249	Sequence 249, App
C 915	9.6	0.6	23	1	US-10-861-060-252	Sequence 252, App
C 916	9.6	0.6	23	1	US-10-845-667-1340	Sequence 1340, App
C 917	9.4	0.6	19	1	US-10-698-311-21	Sequence 21, App1
C 918	9.4	0.6	19	1	US-10-698-311-29	Sequence 29, App1
C 919	9.4	0.6	19	1	US-10-698-311-35	Sequence 35, App1
C 920	9.4	0.6	19	1	US-10-698-311-44	Sequence 44, App1
C 921	9.4	0.6	19	1	US-10-698-311-53	Sequence 53, App1
C 922	9.4	0.6	19	1	US-10-698-311-60	Sequence 60, App1
C 923	9.4	0.6	19	1	US-10-698-311-64	Sequence 64, App1
C 924	9.4	0.6	19	1	US-10-698-311-72	Sequence 72, App1
C 925	9.4	0.6	19	1	US-10-698-311-83	Sequence 83, App1
C 926	9.4	0.6	19	1	US-10-698-311-107	Sequence 107, App
C 927	9.4	0.6	19	1	US-10-698-311-115	Sequence 115, App
C 928	9.4	0.6	19	1	US-10-698-311-121	Sequence 121, App
C 929	9.4	0.6	19	1	US-10-698-311-130	Sequence 130, App
C 930	9.4	0.6	19	1	US-10-698-311-139	Sequence 139, App
C 931	9.4	0.6	19	1	US-10-698-311-146	Sequence 146, App
C 932	9.4	0.6	19	1	US-10-698-311-150	Sequence 150, App
C 933	9.4	0.6	19	1	US-10-698-311-158	Sequence 158, App
C 934	9.4	0.6	19	1	US-10-698-311-169	Sequence 169, App
C 935	9.4	0.6	19	1	US-10-861-060-21	Sequence 21, App1
C 936	9.4	0.6	19	1	US-10-861-060-29	Sequence 29, App1
C 937	9.4	0.6	19	1	US-10-861-060-35	Sequence 35, App1
C 938	9.4	0.6	19	1	US-10-861-060-44	Sequence 44, App1
C 939	9.4	0.6	19	1	US-10-861-060-53	Sequence 53, App1
C 940	9.4	0.6	19	1	US-10-861-060-60	Sequence 60, App1
C 941	9.4	0.6	19	1	US-10-861-060-64	Sequence 64, App1
C 942	9.4	0.6	19	1	US-10-861-060-72	Sequence 72, App1
C 943	9.4	0.6	19	1	US-10-861-060-83	Sequence 83, App1
C 944	9.4	0.6	19	1	US-10-861-060-107	Sequence 107, App
C 945	9.4	0.6	19	1	US-10-861-060-115	Sequence 115, App
C 946	9.4	0.6	19	1	US-10-861-060-121	Sequence 121, App
C 947	9.4	0.6	19	1	US-10-861-060-130	Sequence 130, App
C 948	9.4	0.6	19	1	US-10-861-060-139	Sequence 139, App
C 949	9.4	0.6	19	1	US-10-861-060-146	Sequence 146, App
C 950	9.4	0.6	19	1	US-10-861-060-150	Sequence 150, App
C 951	9.4	0.6	19	1	US-10-861-060-158	Sequence 158, App
C 952	9.4	0.6	19	1	US-10-861-060-169	Sequence 169, App
C 953	9.4	0.6	19	1	US-10-698-311-191	Sequence 191, App
C 954	9.4	0.6	19	1	US-10-698-311-225	Sequence 225, App
C 955	9.4	0.6	19	1	US-10-861-060-191	Sequence 191, App
C 956	9.4	0.6	19	1	US-10-861-060-229	Sequence 229, App
C 957	9.4	0.6	19	1	US-10-698-311-187	Sequence 187, App
C 958	9.4	0.6	19	1	US-10-698-311-189	Sequence 189, App
C 959	9.4	0.6	19	1	US-10-698-311-190	Sequence 190, App
C 960	9.4	0.6	19	1	US-10-698-311-225	Sequence 225, App
C 961	9.4	0.6	19	1	US-10-698-311-227	Sequence 227, App
C 962	9.4	0.6	19	1	US-10-698-311-228	Sequence 228, App
C 963	9.4	0.6	19	1	US-10-861-060-187	Sequence 187, App
C 964	9.4	0.6	19	1	US-10-861-060-189	Sequence 189, App
C 965	9.4	0.6	19	1	US-10-861-060-190	Sequence 190, App
C 966	9.4	0.6	19	1	US-10-861-060-225	Sequence 225, App
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C 968	9.4	0.6	19	1	US-10-861-060-228	Sequence 228, App
C 969	9.4	0.6	20	1	US-10-344-124-49	Sequence 49, App1
C 970	9.4	0.6	21	1	US-10-698-311-254	Sequence 254, App
C 971	9.4	0.6	21	1	US-10-698-311-258	Sequence 258, App
C 972	9.4	0.6	21	1	US-10-698-311-262	Sequence 262, App
C 973	9.4	0.6	21	1	US-10-698-311-266	Sequence 266, App
C 974	9.4	0.6	21	1	US-10-698-311-270	Sequence 270, App
C 975	9.4	0.6	21	1	US-10-698-311-274	Sequence 274, App
C 976	9.4	0.6	21	1	US-10-698-311-278	Sequence 278, App
C 977	9.4	0.6	21	1	US-10-698-311-282	Sequence 282, App
C 978	9.4	0.6	21	1	US-10-698-311-286	Sequence 286, App
C 979	9.4	0.6	21	1	US-10-698-311-290	Sequence 290, App
C 980	9.4	0.6	21	1	US-10-861-060-254	Sequence 254, App
C 981	9.4	0.6	21	1	US-10-861-060-258	Sequence 258, App
C 982	9.4	0.6	21	1	US-10-861-060-262	Sequence 262, App

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c 984	9.4	0.6	21	1	US-10-861-060-270	Sequence 270, App	c1057	9	0.6	21	1	US-10-861-060-334	Sequence 334, App
c 985	9.4	0.6	21	1	US-10-861-060-274	Sequence 274, App	c1058	9	0.6	21	1	US-10-861-060-335	Sequence 335, App
c 986	9.4	0.6	21	1	US-10-861-060-278	Sequence 278, App	c1059	9	0.6	21	1	US-10-861-060-336	Sequence 336, App
c 987	9.4	0.6	21	1	US-10-861-060-282	Sequence 282, App	c1060	9	0.6	21	1	US-10-861-060-342	Sequence 342, App
c 988	9.4	0.6	21	1	US-10-861-060-286	Sequence 286, App	c1061	9	0.6	21	1	US-10-861-060-350	Sequence 350, App
c 989	9.4	0.6	21	1	US-10-861-060-290	Sequence 290, App	c1062	9	0.6	21	1	US-10-861-060-351	Sequence 351, App
c 990	9.4	0.6	21	1	US-10-861-060-300	Sequence 300, App	c1063	9	0.6	21	1	US-10-861-060-351	Sequence 351, App
c 991	9.4	0.6	21	1	US-10-861-060-308	Sequence 308, App	c1064	9	0.6	21	1	US-10-991-286A-15	Sequence 15, App
c 992	9.4	0.6	21	1	US-10-861-060-316	Sequence 316, App	c1065	9	0.6	21	1	US-10-991-286A-16	Sequence 16, App
c 993	9.4	0.6	21	1	US-10-861-060-324	Sequence 324, App	c1066	9	0.6	23	1	US-10-991-286A-18	Sequence 18, App
c 994	9.4	0.6	21	1	US-10-861-060-332	Sequence 332, App	c1067	8.8	0.6	19	1	US-10-698-311-11	Sequence 4, App
c 995	9.4	0.6	21	1	US-10-861-060-340	Sequence 340, App	c1068	8.8	0.6	19	1	US-10-698-311-11	Sequence 11, App
c 996	9.4	0.6	21	1	US-10-861-060-348	Sequence 348, App	c1069	8.8	0.6	19	1	US-10-698-311-17	Sequence 76, App
c 997	9.4	0.6	23	1	US-10-991-286A-6	Sequence 6, App	c1070	8.8	0.6	19	1	US-10-698-311-97	Sequence 97, App
c 998	9.4	0.6	24	1	US-10-908-400A-54	Sequence 54, App	c1071	8.8	0.6	19	1	US-10-698-311-162	Sequence 162, App
c 999	9.4	0.6	24	1	US-10-908-400A-55	Sequence 55, App	c1072	8.8	0.6	19	1	US-10-861-060-11	Sequence 11, App
c1000	9.2	0.6	19	1	US-10-344-124-11	Sequence 11, App	c1073	8.8	0.6	19	1	US-10-861-060-97	Sequence 76, App
c1001	9.2	0.6	19	1	US-10-698-311-56	Sequence 56, App	c1074	8.8	0.6	19	1	US-10-861-060-162	Sequence 162, App
c1002	9.2	0.6	19	1	US-10-698-311-142	Sequence 142, App	c1075	8.8	0.6	20	1	US-10-204-337A-12	Sequence 12, App
c1003	9.2	0.6	19	1	US-10-861-060-56	Sequence 56, App	c1076	8.8	0.6	20	1	US-10-776-013-182	Sequence 182, App
c1004	9.2	0.6	19	1	US-10-861-060-142	Sequence 142, App	c1077	8.8	0.6	22	1	US-10-980-850-41	Sequence 41, App
c1005	9.2	0.6	19	1	US-10-698-311-12	Sequence 12, App	c1078	8.6	0.6	18	1	US-09-925-388-30	Sequence 30, App
c1006	9	0.6	19	1	US-10-698-311-22	Sequence 22, App	c1079	8.6	0.6	18	1	US-10-431-846-30	Sequence 30, App
c1007	9	0.6	19	1	US-10-698-311-32	Sequence 32, App	c1080	8.6	0.6	19	1	US-10-698-311-8	Sequence 8, App
c1008	9	0.6	19	1	US-10-698-311-33	Sequence 33, App	c1081	8.6	0.6	19	1	US-10-698-311-17	Sequence 17, App
c1009	9	0.6	19	1	US-10-698-311-40	Sequence 40, App	c1082	8.6	0.6	19	1	US-10-698-311-20	Sequence 20, App
c1010	9	0.6	19	1	US-10-698-311-42	Sequence 42, App	c1083	8.6	0.6	19	1	US-10-698-311-30	Sequence 30, App
c1011	9	0.6	19	1	US-10-698-311-52	Sequence 52, App	c1084	8.6	0.6	19	1	US-10-698-311-34	Sequence 34, App
c1012	9	0.6	19	1	US-10-698-311-66	Sequence 66, App	c1085	8.6	0.6	19	1	US-10-698-311-48	Sequence 48, App
c1013	9	0.6	19	1	US-10-698-311-77	Sequence 77, App	c1086	8.6	0.6	19	1	US-10-698-311-67	Sequence 67, App
c1014	9	0.6	19	1	US-10-698-311-98	Sequence 98, App	c1087	8.6	0.6	19	1	US-10-698-311-75	Sequence 75, App
c1015	9	0.6	19	1	US-10-698-311-108	Sequence 108, App	c1088	8.6	0.6	19	1	US-10-698-311-86	Sequence 86, App
c1016	9	0.6	19	1	US-10-698-311-118	Sequence 118, App	c1089	8.6	0.6	19	1	US-10-698-311-94	Sequence 94, App
c1017	9	0.6	19	1	US-10-698-311-119	Sequence 119, App	c1090	8.6	0.6	19	1	US-10-698-311-103	Sequence 103, App
c1018	9	0.6	19	1	US-10-698-311-126	Sequence 126, App	c1091	8.6	0.6	19	1	US-10-698-311-116	Sequence 116, App
c1019	9	0.6	19	1	US-10-698-311-128	Sequence 128, App	c1092	8.6	0.6	19	1	US-10-698-311-116	Sequence 120, App
c1020	9	0.6	19	1	US-10-698-311-138	Sequence 138, App	c1093	8.6	0.6	19	1	US-10-698-311-120	Sequence 134, App
c1021	9	0.6	19	1	US-10-698-311-152	Sequence 152, App	c1094	8.6	0.6	19	1	US-10-698-311-153	Sequence 153, App
c1022	9	0.6	19	1	US-10-698-311-163	Sequence 163, App	c1095	8.6	0.6	19	1	US-10-698-311-153	Sequence 161, App
c1023	9	0.6	19	1	US-10-861-060-12	Sequence 12, App	c1096	8.6	0.6	19	1	US-10-698-311-151	Sequence 172, App
c1024	9	0.6	19	1	US-10-861-060-22	Sequence 22, App	c1097	8.6	0.6	19	1	US-10-861-060-8	Sequence 8, App
c1025	9	0.6	19	1	US-10-861-060-32	Sequence 32, App	c1098	8.6	0.6	19	1	US-10-861-060-17	Sequence 17, App
c1026	9	0.6	19	1	US-10-861-060-33	Sequence 33, App	c1099	8.6	0.6	19	1	US-10-861-060-20	Sequence 20, App
c1027	9	0.6	19	1	US-10-861-060-40	Sequence 40, App	c1100	8.6	0.6	19	1	US-10-861-060-30	Sequence 30, App
c1028	9	0.6	19	1	US-10-861-060-42	Sequence 42, App	c1101	8.6	0.6	19	1	US-10-861-060-34	Sequence 34, App
c1029	9	0.6	19	1	US-10-861-060-52	Sequence 52, App	c1102	8.6	0.6	19	1	US-10-861-060-48	Sequence 48, App
c1030	9	0.6	19	1	US-10-861-060-66	Sequence 66, App	c1103	8.6	0.6	19	1	US-10-861-060-67	Sequence 67, App
c1031	9	0.6	19	1	US-10-861-060-77	Sequence 77, App	c1104	8.6	0.6	19	1	US-10-861-060-75	Sequence 86, App
c1032	9	0.6	19	1	US-10-861-060-98	Sequence 98, App	c1105	8.6	0.6	19	1	US-10-861-060-86	Sequence 94, App
c1033	9	0.6	19	1	US-10-861-060-108	Sequence 108, App	c1106	8.6	0.6	19	1	US-10-861-060-94	Sequence 103, App
c1034	9	0.6	19	1	US-10-861-060-118	Sequence 118, App	c1107	8.6	0.6	19	1	US-10-861-060-106	Sequence 116, App
c1035	9	0.6	19	1	US-10-861-060-119	Sequence 119, App	c1108	8.6	0.6	19	1	US-10-861-060-120	Sequence 120, App
c1036	9	0.6	19	1	US-10-861-060-119	Sequence 126, App	c1109	8.6	0.6	19	1	US-10-861-060-134	Sequence 134, App
c1037	9	0.6	19	1	US-10-861-060-128	Sequence 128, App	c1110	8.6	0.6	19	1	US-10-861-060-151	Sequence 153, App
c1038	9	0.6	19	1	US-10-861-060-138	Sequence 138, App	c1111	8.6	0.6	19	1	US-10-861-060-172	Sequence 161, App
c1039	9	0.6	19	1	US-10-861-060-152	Sequence 152, App	c1112	8.6	0.6	19	1	US-10-698-311-15	Sequence 172, App
c1040	9	0.6	19	1	US-10-861-060-163	Sequence 163, App	c1113	8.6	0.6	19	1	US-10-698-311-28	Sequence 28, App
c1041	9	0.6	19	1	US-10-698-311-188	Sequence 188, App	c1114	8.6	0.6	19	1	US-10-698-311-49	Sequence 38, App
c1042	9	0.6	19	1	US-10-698-311-226	Sequence 226, App	c1115	8.6	0.6	19	1	US-10-861-060-161	Sequence 49, App
c1043	9	0.6	19	1	US-10-861-060-188	Sequence 188, App	c1116	8.4	0.5	19	1	US-10-861-060-172	Sequence 54, App
c1045	9	0.6	21	1	US-10-861-060-226	Sequence 226, App	c1117	8.4	0.5	19	1	US-10-698-311-114	Sequence 101, App
c1046	9	0.6	21	1	US-10-991-286A-3	Sequence 3, App	c1118	8.4	0.5	19	1	US-10-698-311-115	Sequence 114, App
c1047	9	0.6	21	1	US-10-991-286A-5	Sequence 5, App	c1119	8.4	0.5	19	1	US-10-698-311-124	Sequence 124, App
c1048	9	0.6	21	1	US-10-861-060-294	Sequence 294, App	c1120	8.4	0.5	19	1	US-10-698-311-135	Sequence 135, App
c1049	9	0.6	21	1	US-10-861-060-295	Sequence 295, App	c1121	8.4	0.5	19	1	US-10-698-311-140	Sequence 140, App
c1050	9	0.6	21	1	US-10-861-060-302	Sequence 302, App	c1122	8.4	0.5	19	1	US-10-861-060-15	Sequence 15, App
c1051	9	0.6	21	1	US-10-861-060-303	Sequence 303, App	c1123	8.4	0.5	19	1	US-10-861-060-38	Sequence 28, App
c1052	9	0.6	21	1	US-10-861-060-310	Sequence 310, App	c1124	8.4	0.5	19	1		
c1053	9	0.6	21	1	US-10-861-060-311	Sequence 311, App	c1125	8.4	0.5	19	1		
c1054	9	0.6	21	1	US-10-861-060-318	Sequence 318, App	c1126	8.4	0.5	19	1		
c1055	9	0.6	21	1	US-10-861-060-319	Sequence 319, App	c1127	8.4	0.5	19	1		
					US-10-861-060-326	Sequence 326, App	c1128	8.4	0.5	19	1		

c11129	8.4	0.5	19	1	US-10-861-060-49	Sequence 49, Appl	c1202	8.2	0.5	21	1	US-10-991-286A-11	Sequence 11, Appl
c11130	8.4	0.5	19	1	US-10-861-060-54	Sequence 54, Appl	c1203	8.2	0.5	21	1	US-10-998-311-302	Sequence 302, Appl
1131	8.4	0.5	19	1	US-10-861-060-101	Sequence 101, Appl	1204	8.2	0.5	21	1	US-10-998-311-303	Sequence 303, Appl
1132	8.4	0.5	19	1	US-10-861-060-114	Sequence 114, Appl	c1205	8.2	0.5	21	1	US-10-998-311-304	Sequence 304, Appl
1133	8.4	0.5	19	1	US-10-861-060-124	Sequence 124, Appl	1206	8.2	0.5	21	1	US-10-998-311-305	Sequence 305, Appl
1134	8.4	0.5	19	1	US-10-861-060-135	Sequence 135, Appl	1207	8.2	0.5	21	1	US-10-998-311-307	Sequence 307, Appl
1135	8.4	0.5	19	1	US-10-861-060-140	Sequence 140, Appl	c1208	8.2	0.5	21	1	US-10-998-311-308	Sequence 308, Appl
c11336	8.4	0.5	19	1	US-10-698-311-174	Sequence 175, Appl	1210	8.2	0.5	21	1	US-10-998-311-309	Sequence 309, Appl
c11337	8.4	0.5	19	1	US-10-698-311-175	Sequence 179, Appl	c1211	8.2	0.5	21	1	US-10-998-311-310	Sequence 310, Appl
c11338	8.4	0.5	19	1	US-10-698-311-179	Sequence 180, Appl	c1212	8.2	0.5	21	1	US-10-991-286A-12	Sequence 312, Appl
c11339	8.4	0.5	19	1	US-10-698-311-185	Sequence 185, Appl	c1213	8.2	0.5	21	1	US-10-861-060-363	Sequence 363, Appl
c1140	8.4	0.5	19	1	US-10-698-311-185	Sequence 186, Appl	1214	8.2	0.5	21	1	US-10-861-060-364	Sequence 364, Appl
c1141	8.4	0.5	19	1	US-10-698-311-204	Sequence 204, Appl	1215	8.2	0.5	21	1	US-10-861-060-365	Sequence 365, Appl
c1142	8.4	0.5	19	1	US-10-698-311-204	Sequence 205, Appl	c1216	8.2	0.5	21	1	US-10-861-060-367	Sequence 367, Appl
c1143	8.4	0.5	19	1	US-10-698-311-205	Sequence 212, Appl	c1217	8.2	0.5	21	1	US-10-861-060-368	Sequence 368, Appl
c1144	8.4	0.5	19	1	US-10-698-311-212	Sequence 213, Appl	1218	8.2	0.5	23	1	US-10-861-060-370	Sequence 369, Appl
1145	8.4	0.5	19	1	US-10-698-311-213	Sequence 217, Appl	1219	8.2	0.5	23	1	US-10-991-286A-12	Sequence 12, Appl
1146	8.4	0.5	19	1	US-10-698-311-217	Sequence 218, Appl	c1220	8	0.5	19	1	US-10-698-311-13	Sequence 1, Appl
1147	8.4	0.5	19	1	US-10-698-311-218	Sequence 221, Appl	c1221	8	0.5	19	1	US-10-698-311-13	Sequence 1, Appl
1148	8.4	0.5	19	1	US-10-698-311-223	Sequence 224, Appl	c1222	8	0.5	19	1	US-10-698-311-73	Sequence 73, Appl
1149	8.4	0.5	19	1	US-10-698-311-224	Sequence 242, Appl	c1223	8	0.5	19	1	US-10-698-311-99	Sequence 99, Appl
1150	8.4	0.5	19	1	US-10-698-311-242	Sequence 243, Appl	1224	8	0.5	19	1	US-10-698-311-117	Sequence 117, Appl
1151	8.4	0.5	19	1	US-10-698-311-243	Sequence 174, Appl	1225	8	0.5	19	1	US-10-698-311-159	Sequence 159, Appl
c1152	8.4	0.5	19	1	US-10-861-060-174	Sequence 175, Appl	1226	8	0.5	19	1	US-10-861-060-13	Sequence 13, Appl
c1153	8.4	0.5	19	1	US-10-861-060-175	Sequence 179, Appl	1227	8	0.5	19	1	US-10-861-060-73	Sequence 73, Appl
c1154	8.4	0.5	19	1	US-10-861-060-179	Sequence 180, Appl	c1228	8	0.5	19	1	US-10-861-060-73	Sequence 87, Appl
c1155	8.4	0.5	19	1	US-10-861-060-185	Sequence 185, Appl	c1229	8	0.5	19	1	US-10-861-060-87	Sequence 87, Appl
c1156	8.4	0.5	19	1	US-10-861-060-185	Sequence 186, Appl	c1230	8	0.5	19	1	US-10-861-060-117	Sequence 117, Appl
c1157	8.4	0.5	19	1	US-10-861-060-186	Sequence 204, Appl	c1231	8	0.5	19	1	US-10-861-060-159	Sequence 159, Appl
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c1159	8.4	0.5	19	1	US-10-861-060-205	Sequence 212, Appl	1233	8	0.5	19	1	US-10-698-311-211	Sequence 211, Appl
1160	8.4	0.5	19	1	US-10-861-060-212	Sequence 213, Appl	1234	8	0.5	19	1	US-10-861-060-211	Sequence 211, Appl
1161	8.4	0.5	19	1	US-10-861-060-213	Sequence 217, Appl	1235	8	0.5	19	1	US-10-698-311-176	Sequence 176, Appl
1162	8.4	0.5	19	1	US-10-861-060-217	Sequence 218, Appl	c1236	8	0.5	19	1	US-10-698-311-177	Sequence 177, Appl
1163	8.4	0.5	19	1	US-10-861-060-218	Sequence 223, Appl	1237	8	0.5	19	1	US-10-698-311-184	Sequence 184, Appl
1164	8.4	0.5	19	1	US-10-861-060-223	Sequence 224, Appl	c1238	8	0.5	19	1	US-10-698-311-206	Sequence 206, Appl
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1166	8.4	0.5	19	1	US-10-861-060-243	Sequence 243, Appl	c1240	8	0.5	19	1	US-10-861-060-211	Sequence 208, Appl
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c1177	8.2	0.5	19	1	US-10-861-060-36	Sequence 36, Appl	1251	8	0.5	19	1	US-10-698-311-215	Sequence 214, Appl
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c1183	8.2	0.5	19	1	US-10-698-311-201	Sequence 202, Appl	1257	8	0.5	19	1	US-10-698-311-222	Sequence 221, Appl
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1187	8.2	0.5	19	1	US-10-698-311-238	Sequence 238, Appl	1261	8	0.5	19	1	US-10-698-311-246	Sequence 246, Appl
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ALIGNMENTS

RESULT 1
US-10-698-311-249
; Sequence 249, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James

```

; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 249
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-249

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Best Local Similarity 73.9%; Pred. No. 62;
Matches 17; Conservative 6; Mismatches 0; Gaps 0;

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; Sequence 250, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
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; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 250
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-250

Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 62;
Matches 18; Conservative 5; Mismatches 0; Gaps 0;

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RESULT 3
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; Sequence 251, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 251
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-251

Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 60.9%; Pred. No. 62;
Matches 14; Conservative 9; Mismatches 0; Gaps 0;
```

```
QY      673 GTAGCAGGCTCTTGTGTGCTGT 695
      1:|||||:|||||:|||||:|||||:
      1 GUAGCAGGCGUCCUUGUGUGUGU 23

RESULT 4
US-10-698-311-252
; Sequence 252, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 252
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense it
US-10-698-311-252

Query Match      1.5%; Score 23; DB 1; Length 23,
Best Local Similarity 60.9%; Pred. No. 62;
Matches 14; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      1335 CCTTCAATCTGTCAATGTTTGC 1357
      1:|||||:|||||:|||||:|||||:
      1 CCTUCAUCCUCCUACAUGUUGC 23

RESULT 5
US-10-861-060-249
; Sequence 249, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
```

```
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PLM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 249
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense it
US-10-861-060-249

Query Match      1.5%; Score 23; DB 1; Length 23,
Best Local Similarity 73.9%; Pred. No. 62;
Matches 17; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      389 GATATGCTGTGATCTGTGACAA 411
      1:|||||:|||||:|||||:|||||:
      1 GAUAGCCUUGUGAUGCCUGACAA 23

RESULT 6
US-10-861-060-250
; Sequence 250, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
```

```

; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 250
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-250

Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 62;
Matches 18; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      422 GAAATGCTTCTGAGAGGGTA 444
Db      1 GAAAUCCUUCUGAGGAAAGGUA 23

RESULT 7
US-10-861-060-251
; Sequence 251, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 251
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-251

Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 60.9%; Pred. No. 62;
Matches 14; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
```

```

; RESULT 8
US-10-861-060-252
; Sequence 252, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 252
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-252

Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 60.9%; Pred. No. 62;
Matches 14; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      1335 CCTTCAATCTGTGCATGTTTC 1357
Db      1 CCUACAUCUUCGCAUGUUCG 23

RESULT 9
US-10-991-286A-4/c
; Sequence 4, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Marganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT FILING DATE: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
```

```
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-4
```

```
Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      195 ATGTGTGGCAACAGTGCTGAG 217
Db      23 ATGTGTGGCAACAGTGCTGAG 1
```

```
RESULT 10
US-10-991-286A-6/c
; Sequence 6, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-6
```

```
Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      203 GCAACAGTGGCTGAGAGACCAA 225
Db      23 GCAACAGTGGCTGAGAGACCAA 1
```

```
RESULT 11
US-10-991-286A-8/c
; Sequence 8, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-8
```

```
Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      306 GCATTGACAGCAGCCACTGCTTT 328
Db      23 GCATTGACAGCAGCCACTGCTTT 1
```

```
RESULT 12
US-10-991-286A-12/c
; Sequence 12, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-12
```

```
Query Match      1.5%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      354 ATGAAGAAGAGAGCCCAAGGAA 376
Db      23 ATGAAGAAGAGAGCCCAAGGAA 1
```

```
RESULT 13
US-10-908-400A-54
; Sequence 54, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: AtGen Co., LTD.
; APPLICANT: KIM, Jong-Sun
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; FILE REFERENCE: 59520-03CIP
; CURRENT APPLICATION NUMBER: US/10/908,400A
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: US 10/713,851
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
```



```
/ FEATURE:
/ OTHER INFORMATION: Koparentin 1.71
/ SEQ ID NO 54
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer for site-directed mutagenesis to E123A
US-10-908-400A-54

Query Match          1.5%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 69;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      404 CCTGACATGAGGCTTATGAATG 427
DB      1 CCTGACATGCGGCTTATGAATG 24

RESULT 14
US-10-908-400A-55/c
/ Sequence 55, Application US/10908400A
/ Publication No. US20050203010A1
/ GENERAL INFORMATION:
/ APPLICANT: Atgen Co., LTD.
/ TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
/ FILE REFERENCE: 59520-03CIP
/ CURRENT APPLICATION NUMBER: US/10/908,400A
/ PRIOR FILING DATE: 2005-05-10
/ PRIOR APPLICATION NUMBER: KR 10-2004-33123
/ PRIOR FILING DATE: 2004-05-11
/ PRIOR APPLICATION NUMBER: KR 10-2005-36882
/ PRIOR FILING DATE: 2005-05-02
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: Koparentin 1.71
/ SEQ ID NO 55
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer for site-directed mutagenesis to E123A
US-10-908-400A-55

Query Match          1.5%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 69;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      404 CCTGACATGAGGCTTATGAATG 427
DB      24 CCTGACATGCGGCTTATGAATG 1

RESULT 15
US-10-980-850-41
/ Sequence 41, Application US/10980850
/ Publication No. US20050152908A1
/ GENERAL INFORMATION:
/ APPLICANT: Liew, Choong-Chin
/ TITLE OF INVENTION: LIVER CANCER BIOMARKERS
/ FILE REFERENCE: 4231/2072
/ CURRENT APPLICATION NUMBER: US/10/980,850
/ PRIOR FILING DATE: 2004-11-03
/ PRIOR APPLICATION NUMBER: US 60/516,853
/ PRIOR FILING DATE: 2003-11-03
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 41
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial
```

```
/ FEATURE:
/ OTHER INFORMATION: Forward primer for SNCA
US-10-980-850-41

Query Match          1.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      345 TGGGCAAGATGAAGAGGAGC 366
DB      1 TGGGCAAGATGAAGAGGAGC 22

RESULT 16
US-10-980-850-42/c
/ Sequence 42, Application US/10980850
/ Publication No. US20050152908A1
/ GENERAL INFORMATION:
/ APPLICANT: Liew, Choong-Chin
/ TITLE OF INVENTION: LIVER CANCER BIOMARKERS
/ FILE REFERENCE: 4231/2072
/ CURRENT APPLICATION NUMBER: US/10/980,850
/ PRIOR FILING DATE: 2004-11-03
/ PRIOR APPLICATION NUMBER: US 60/516,853
/ PRIOR FILING DATE: 2003-11-03
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 42
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Reverse primer for SNCA
US-10-980-850-42

Query Match          1.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      426 TGCCCTTGAGAGGATATCA 447
DB      22 TGCCCTTGAGAGGATATCA 1

RESULT 17
US-10-991-286A-10/c
/ Sequence 10, Application US/10991286A
/ Publication No. US20050186591A1
/ GENERAL INFORMATION:
/ APPLICANT: Buncroft, David
/ APPLICANT: Farrer, Matthew J.
/ APPLICANT: Maragone, Demetrius M.
/ APPLICANT: Vornlocher, Hans-Peter
/ TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
/ FILE REFERENCE: 17574-003001
/ CURRENT APPLICATION NUMBER: US/10/991,286A
/ PRIOR FILING DATE: 2004-11-17
/ PRIOR APPLICATION NUMBER: PCT/US2004/18271
/ PRIOR FILING DATE: 2004-06-09
/ PRIOR APPLICATION NUMBER: US 60/476,947
/ PRIOR FILING DATE: 2003-06-09
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 10
/ LENGTH: 23
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-991-286A-10

Query Match          1.4%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 92;
```


QY 231 AAGTGACAAATGTTGGAGAG 251
|||:|||||:|||||
Db 1 AAGGACAAAGUUGGAGAG 21

RESULT 22

US-10-991-286A-11
; Sequence 11, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Matagano, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-11

Query Match 1.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 356 GAAGAAGAGCCCGACAGAA 376
|||||
Db 1 GAAGAAGAGCCCGACAGAA 21

RESULT 23

US-10-037-519A-2/c
; Sequence 2, Application US/10037519A
; Publication No. US20030027210A1
; GENERAL INFORMATION:
; APPLICANT: Plata-Salaman, Carlos
; APPLICANT: Ilyin, Sergey
; APPLICANT: Benjamin, Daniel
; TITLE OF INVENTION: Alpha Synuclein Aggregation Assays
; FILE REFERENCE: ORT-1550
; CURRENT APPLICATION NUMBER: US/10/037,519A
; CURRENT FILING DATE: 2002-01-03
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-10-037-519A-2

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 528 GTGCTCAGTCCATGTGCC 547
|||||
Db 20 GTGCTCAGTCCATGTGCC 1

RESULT 24

US-10-344-124-49
; Sequence 49, Application US/10344124
; Publication No. US20040101867A1
; GENERAL INFORMATION:
; APPLICANT: Pritzsche, Markus
; TITLE OF INVENTION: Use of microbial DNA sequences for the identification
; TITLE OF INVENTION: of diseases
; FILE REFERENCE: 11201/15
; CURRENT APPLICATION NUMBER: US/10/344,124
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: PCT/IB00/01127
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-344-124-49

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1069 TAATATAAAATCATGCTT 1088
|||||
Db 1 TAATATAAAATCATGCTT 20

RESULT 25

US-10-204-337A-12
; Sequence 12, Application US/10204337A
; Publication No. US20040128706A1
; GENERAL INFORMATION:
; APPLICANT: Masliah, Eliezer
; TITLE OF INVENTION: Method for screening for Anti-Amyloidogenic Properties and Methoc
; TITLE OF INVENTION: Treatment of Neurodegenerative Disease
; FILE REFERENCE: 6627-PC9014
; CURRENT APPLICATION NUMBER: US/10/204,337A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 60/183,571
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/07216
; PRIOR FILING DATE: 2001-03-17
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-204-337A-12

Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 188 GTGTCATGATGTGGCAAC 207
|||||
Db 1 GTGTCATGATGTGGCAAC 20

RESULT 26

US-10-776-013-180/c
; Sequence 180, Application US/10776013
; Publication No. US2004026056A1
; GENERAL INFORMATION:
; APPLICANT: MYRIAD GENETICS, INC.
; APPLICANT: Roch, Jean-Marc
; APPLICANT: Bartel, Paul
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 1600.24

```
; CURRENT APPLICATION NUMBER: US/10/776,013
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: 09/948904
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/466139
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/113534
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/124120
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/141243
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/975072
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240790
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 10/194967
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/304775
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 695
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-776-013-180
```

```
Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 38 TCATTAGCCATGATGATATT 57
Db 20 TCATTAGCCATGATGATATT 1
```

```
RESULT 27
US-10-776-013-181/c
; Sequence 181, Application US/10776013
; Publication No. US20040226056A1
; GENERAL INFORMATION:
; APPLICANT: MYRIAD GENETICS, INC.
; APPLICANT: Roch, Jean-Marc
; APPLICANT: Bartel, Paul
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
; FILE REFERENCE: 1600.24
; CURRENT APPLICATION NUMBER: US/10/776,013
; PRIOR FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: 09/948904
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/466139
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/113534
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/124120
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/141243
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/975072
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240790
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 10/194967
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/304775
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 695
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 181
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-776-013-181
```

```
Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 36 ATTCAATTAGCCATGATGTA 55
Db 20 ATTCAATTAGCCATGATGTA 1
```

```
RESULT 28
US-10-776-013-182/c
; Sequence 182, Application US/10776013
; Publication No. US20040226056A1
; GENERAL INFORMATION:
; APPLICANT: MYRIAD GENETICS, INC.
; APPLICANT: Roch, Jean-Marc
; APPLICANT: Bartel, Paul
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
; FILE REFERENCE: 1600.24
; CURRENT APPLICATION NUMBER: US/10/776,013
; PRIOR FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: 09/948904
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/466139
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/113534
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/124120
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 60/141243
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/975072
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240790
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 10/194967
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/304775
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 695
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-776-013-182
```

```
Query Match 1.3%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 34 GAATTCATTAGCCATGATG 53
Db 20 GAATTCATTAGCCATGATG 1
```

```
RESULT 29
US-10-344-124-11
; Sequence 11, Application US/10344124
; Publication No. US20040101867A1
; GENERAL INFORMATION:
; APPLICANT: Filtzsch, Markus
; TITLE OF INVENTION: Use of microbial DNA sequences for the identification
; FILE REFERENCE: 11201/15
; CURRENT APPLICATION NUMBER: US/10/344,124
; CURRENT FILING DATE: 2003-02-07
```

Db 1 AGUGGCCAUBCGACGACAG 19

PRIOR FILING DATE: 2002-03-11

;
; PRIOR APPLICATION NUMBER: US 60/
; PRIOR FILING DATE: 2002-03-11

```
;
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
;   US-10-698-311-4
;
;   Query Match
;   Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
;   Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
;
;   Qy
;   Db
;   39 CATTAGCCATGGATGTATT 57
;   ||:|||||:|||||:|:|:|
;   1 CAUUGACCAUGAUGUUAU 19
;
;   RESULT 33
;   US-10-698-311-4
;   Sequence 4, Application US/10698311
;   Publication No. US20040219671A1
;   GENERAL INFORMATION:
;   APPLICANT: Sirta Therapeutics, Inc.
;   APPLICANT: McSwiggen, James
;   APPLICANT: Haeblerl, Peter
;   APPLICANT: Chowritra, Bharat
;   TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;   FILE REFERENCE: 400/137 (MBHB03-198-A)
;   CURRENT APPLICATION NUMBER: US/10/698,311
;   PRIOR FILING DATE: 2003-10-31
;   PRIOR APPLICATION NUMBER: PCT/US03/05028
;   PRIOR FILING DATE: 2003-02-20
;   PRIOR APPLICATION NUMBER: US 60/358,580
;   PRIOR FILING DATE: 2002-02-20
;   PRIOR APPLICATION NUMBER: US 60/363,124
;   PRIOR FILING DATE: 2002-03-11
;   PRIOR APPLICATION NUMBER: US 60/386,782
;   PRIOR FILING DATE: 2002-06-06
;   PRIOR APPLICATION NUMBER: US 60/393,796
;   PRIOR FILING DATE: 2002-07-03
;   PRIOR APPLICATION NUMBER: 60/399,348
;   PRIOR FILING DATE: 2002-07-29
;   PRIOR APPLICATION NUMBER: US 60/406,784
;   PRIOR FILING DATE: 2002-08-29
;   PRIOR APPLICATION NUMBER: US 60/408,378
;   PRIOR FILING DATE: 2002-09-05
;   PRIOR APPLICATION NUMBER: US 60/409,293
;   PRIOR FILING DATE: 2002-09-09
;   PRIOR APPLICATION NUMBER: US 60/440,129
;   PRIOR FILING DATE: 2003-01-15
;   NUMBER OF SEQ ID NOS: 310
;   SOFTWARE: PatentIn version 3.2
;   SEQ ID NO 3
;   LENGTH: 19
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
;   US-10-698-311-3
```

```
Query Match
Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy
Db
39 CATTAGCCATGGATGTATT 57
||:|||||:|||||:|:|:|
1 CAUUGACCAUGAUGUUAU 19

RESULT 33
US-10-698-311-4
Sequence 4, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowritra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
```

```
;
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
;   US-10-698-311-4
```

```
Query Match
Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy
Db
57 TCATGAAGAGACTTTCAAA 75
:|||||:|||||:|:|:|
1 UCAUGAAGAGACUUCUCAA 19
```

```
RESULT 34
US-10-698-311-5
Sequence 5, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowritra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
```

```
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-5

Query Match
Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy
Db
75 AGGCCAAGAGAGAGTGTGT 93
|||||:|||||:|:|:|
1 AGGCCAAGAGAGAGUGU 19
```

```
RESULT 35
US-10-698-311-6
Sequence 6, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
```

```

; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784

US-10-698-311-6
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
;
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: MGSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      93 TGGCTGCTGTGAGAAAC 111
      :|||:|||:|||:|||
Db      1 UGCUGUGUGGAGAAAC 19

RESULT 36
US-10-698-311-7
; Sequence 7, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MGSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
```

```

; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-7

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      111 CCAACAGGCTGTGCACA 129
      |||||:|||:|||
Db      1 CCAACAGGCTGTGCACA 19

RESULT 37
US-10-698-311-8
; Sequence 8, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MGSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-8

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 129 AAGCAGCAGGAAGACAAA 147
|||||
Db 1 AAGCAGCAGGAAGACAAA 19

RESULT 38
US-10-698-311-9
; Sequence 9, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-698-311-9

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 147 AAGAGGTGTTCTATGT 165
|||||
Db 1 AAGAGGTGTTCTATGT 19

RESULT 39
US-10-698-311-10
; Sequence 10, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-698-311-10

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 165 TAGGCTCCAAAACCAAGGA 183
:|||||
Db 1 UAGGCTCCAAAACCAAGGA 19

RESULT 40
US-10-698-311-11
; Sequence 11, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15


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; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-11

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      183 AGGAGTGTGTCATGCT 201
Db      1 AGGAGUGUGCAUGUGU 19

RESULT 41
US-10-698-311-12
; Sequence 12, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-12

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      201 TGGCAACAGTGTGCTGAGAA 219
Db      1 UGGCAACAGUGGCTGAGAA 19

RESULT 42
US-10-698-311-13
; Sequence 13, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-13

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      219 AGACCAAGAGCAAGTAC 237
Db      1 AGACCAAGAGCAUGUAC 19

RESULT 43
US-10-698-311-14
; Sequence 14, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
```

```
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-14
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
```

Qy 237 CAAATGTGAGAGAGACT 255

Db 1 CAAAGUGGAGGAGAGAGU 19

RESULT 44

```
US-10-698-311-15
; Sequence 15, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-15
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
```

Qy 255 TGCTGACGGGTGTGACAGC 273

Db 1 UGUGACGGGUGUGACAGC 19

RESULT 45

```
US-10-698-311-16
; Sequence 16, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-16
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

Qy 273 CAGTAGCCCAAGAGACT 291

Db 1 CAGUGACCCCAAGAGAGU 19

RESULT 46

```
US-10-698-311-17
; Sequence 17, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
```

```
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
; US-10-698-311-17

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      291 TGGAGGAGCAGGAGCAT 309
Db      1 UCGAGGAGCAGGAGCAU 19

RESULT 47
US-10-698-311-18
; Sequence 18, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
```

```
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
; US-10-698-311-18

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      309 TTGAGCAGCCACTGGCTT 327
Db      1 UUGCAGCAGCCACUGGCTU 19

RESULT 48
US-10-698-311-19
; Sequence 19, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
; US-10-698-311-19

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      327 TTGTCAAAAGGACGAGT 345
      ::::::::::::::::::::
Db      1 UUGGCAAAAAGGACGAGU 19

RESULT 49
US-10-698-311-20
; Sequence 20, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-20

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY      345 TGGGCAAGATGAAGAGG 363
      :|||||||:|||||||
Db      1 UGGGCAAGAAUGAAGAGG 19

RESULT 50
US-10-698-311-21
; Sequence 21, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
```

```
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-21

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY      363 GAGCCCCACAGGAGGAT 381
      |||||||:|||||||
Db      1 GAGCCCCACAGGAGGAU 19

RESULT 51
US-10-698-311-22
; Sequence 22, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
```

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; SOFTWARE: Patentin version 3.2
; SEQ ID NO 22
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-22

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      399  TTGATCCTGACATGAGGC 417
      :||:||||:||||:||||:
Db      1  UGGAUCCUGACAUAGAGGC 19

RESULT 52
US-10-698-311-23
; Sequence 23, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-23

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      399  TGGATCCTGACATGAGGC 417
      :||:||||:||||:||||:
Db      1  UGGAUCCUGACAUAGAGGC 19

RESULT 53
US-10-698-311-24

; Sequence 24, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 24
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-24

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      417  CTTATGAAATGCTTCTGA 435
      ||:||||:||||:||||:
Db      1  CUUAGUAAUAGCCUUCUGA 19

RESULT 54
US-10-698-311-25
; Sequence 25, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 25
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-25

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      417  CTTATGAAATGCTTCTGA 435
      ||:||||:||||:||||:
Db      1  CUUAGUAAUAGCCUUCUGA 19
```

```

; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-25

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      435 AGGAAGCGTATCAAGACTA 453
Db      1 AGGAAGGUAUCAAGACUA 19

RESULT 55
US-10-698-311-26
; Sequence 26, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
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US-10-698-311-26

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      453 ACGAACCTGAGCGCTTACA 471
Db      1 ACGAACCTGAGCGCTTACA 19

RESULT 56
US-10-698-311-27
; Sequence 27, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-27

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      471 AAATATCTTGCTGCCAGT 489
Db      1 AAATATCTTGCTGCCAGT 19

RESULT 57
US-10-698-311-28
; Sequence 28, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
```

```

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-28

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      489 TTCTTGAGATCTGCTGAC 507
      :::::|||||:|||||
Db      1 UUDUCGAGUUCGUCGAC 19

RESULT 58
US-10-698-311-29
; Sequence 29, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-30
```

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; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-29

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      507 CAGATGTCATCCTGTAC 525
      |||:::|||||:|||||
Db      1 CAGAGUUCACUCCUGAC 19

RESULT 59
US-10-698-311-30
; Sequence 30, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-30

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      525 CAAGTGTCACTTCATG 543
```

```
Db          1  CAAAGUCUCAGUCCAAUG 19

RESULT 60
US-10-698-311-31
; Sequence 31, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-31

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      543  GTGCCCAAGTCATGACATT 561
Db      1      GUGCCAGUCAGUCCAAU 19

RESULT 61
US-10-698-311-32
; Sequence 32, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
```

```
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2

QY      561  TGTCAAAGTTTTCACGTC 579
Db      1      UCUCAAAGUUVUACAGUG 19

RESULT 62
US-10-698-311-33
; Sequence 33, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
```



```
; SEQ ID NO 33
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-33

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      579 GTATCGAAGTCTTCAT 597
Db      1 GUACUCGAGUCUCCAU 19

RESULT 63
US-10-698-311-34
; Sequence 34, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 34
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-34

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      597 TCAGCAGTATGAAGTAT 615
Db      1 UCAGCAGUAGUAGUAGU 19

RESULT 64
US-10-698-311-35
; Sequence 35, Application US/10698311
```

```
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 35
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-35

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      615 TCTGACCTGCCCCCACTC 633
Db      1 UCUAGACUGCCCCACUC 19

RESULT 65
US-10-698-311-36
; Sequence 36, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
```

```

; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-36
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

QY 633 CAGCATTGCGTCTTCCC 651

DB 1 CAGCAUUCGAGGUCUCC 19

RESULT 66

```

; Sequence 37, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-37
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

QY 651 CTTTACTGAGTGAATAC 669

DB 1 CUUUCACUGAAGUUAUAC 19

RESULT 67

```

; Sequence 38, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-38
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

QY 669 CATGTAGCAGGCTTTG 687

DB 1 CAGGUGACGAGGUCUUG 19

RESULT 68

```

US-10-698-311-39
; Sequence 39, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
US-10-698-311-39
```

```

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-39

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      687 GGTGCTGTGGATTGTTGTG 705
       1:|||||:|||||:|||||:
Db      1 GGTGCTGTGGATTGTTGUG 19

RESULT 69
US-10-698-311-40
; Sequence 40, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
```

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; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-40

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      705 GGCTTCAATCTACGATGTT 723
       |||||:|||||:|||||:
Db      1 GGCTTCAATCTACGATGTT 19

RESULT 70
US-10-698-311-41
; Sequence 41, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-41

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      723 TAAACAATTAATAACAC 741
       :|||||:|||||:|||||:

```

Db 1 UAAAAAUAUUAAAAACAC 19

RESULT 71

US-10-698-311-42

/ Sequence 42, Application US/10698311

/ Publication No. US20040219671A1

/ GENERAL INFORMATION:

/ APPLICANT: Sirna Therapeutics, Inc.

/ APPLICANT: MCSwiggan, James

/ APPLICANT: Haeblerli, Peter

/ APPLICANT: Chowrira, Bharat

/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

/ FILE REFERENCE: 400/137 (MBHB03-198-A)

/ CURRENT FILING DATE: 2003-10-31

/ PRIOR APPLICATION NUMBER: US/10/698,311

/ PRIOR FILING DATE: 2003-02-20

/ PRIOR APPLICATION NUMBER: US 60/358,580

/ PRIOR FILING DATE: 2002-02-20

/ PRIOR APPLICATION NUMBER: US 60/363,124

/ PRIOR FILING DATE: 2002-03-11

/ PRIOR APPLICATION NUMBER: US 60/386,782

/ PRIOR FILING DATE: 2002-06-06

/ PRIOR APPLICATION NUMBER: US 60/393,796

/ PRIOR FILING DATE: 2002-07-03

/ PRIOR APPLICATION NUMBER: 60/399,348

/ PRIOR FILING DATE: 2002-07-29

/ PRIOR APPLICATION NUMBER: US 60/406,784

/ PRIOR FILING DATE: 2002-08-29

/ PRIOR APPLICATION NUMBER: US 60/408,378

/ PRIOR FILING DATE: 2002-09-05

/ PRIOR APPLICATION NUMBER: US 60/409,293

/ PRIOR FILING DATE: 2002-09-09

/ PRIOR APPLICATION NUMBER: US 60/440,129

/ PRIOR FILING DATE: 2003-01-15

/ NUMBER OF SEQ ID NOS: 310

/ SOFTWARE: PatentIn version 3.2

/ SEQ ID NO 42

/ LENGTH: 19

/ TYPE: RNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-698-311-42

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 73.7%; Pred. No. 2e+02;

Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 741 CCTAAGTACTGCTCACTTA 759

Db 1 CCUAGUGACUACACCUUA 19

RESULT 72

US-10-698-311-43

/ Sequence 43, Application US/10698311

/ Publication No. US20040219671A1

/ GENERAL INFORMATION:

/ APPLICANT: Sirna Therapeutics, Inc.

/ APPLICANT: MCSwiggan, James

/ APPLICANT: Haeblerli, Peter

/ APPLICANT: Chowrira, Bharat

/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

/ FILE REFERENCE: 400/137 (MBHB03-198-A)

/ CURRENT FILING DATE: US/10/698,311

/ PRIOR APPLICATION NUMBER: US/10-31

/ PRIOR FILING DATE: 2003-10-31

/ PRIOR APPLICATION NUMBER: PCT/US03/05028

/ PRIOR FILING DATE: 2003-02-20

/ PRIOR APPLICATION NUMBER: US 60/358,580

/ PRIOR FILING DATE: 2002-02-20

/ PRIOR APPLICATION NUMBER: US 60/363,124

/ PRIOR FILING DATE: 2002-03-11

/ PRIOR APPLICATION NUMBER: US 60/386,782

/ PRIOR FILING DATE: 2002-06-06

/ PRIOR APPLICATION NUMBER: US 60/393,796

/ PRIOR FILING DATE: 2002-07-03

/ PRIOR APPLICATION NUMBER: 60/399,348

/ PRIOR FILING DATE: 2002-07-29

/ PRIOR APPLICATION NUMBER: US 60/406,784

/ PRIOR FILING DATE: 2002-08-29

/ PRIOR APPLICATION NUMBER: US 60/408,378

/ PRIOR FILING DATE: 2002-09-05

/ PRIOR APPLICATION NUMBER: US 60/409,293

/ PRIOR FILING DATE: 2002-09-09

/ PRIOR APPLICATION NUMBER: US 60/440,129

/ PRIOR FILING DATE: 2003-01-15

/ NUMBER OF SEQ ID NOS: 310

/ SOFTWARE: PatentIn version 3.2

/ SEQ ID NO 43

/ LENGTH: 19

/ TYPE: RNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re

US-10-698-311-43

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 57.9%; Pred. No. 2e+02;

Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 759 ATTCTAATCTCTCACTAT 777

Db 1 AUUUCUAAUCCUACUUA 19

RESULT 73

US-10-698-311-44

/ Sequence 44, Application US/10698311

/ Publication No. US20040219671A1

/ GENERAL INFORMATION:

/ APPLICANT: Sirna Therapeutics, Inc.

/ APPLICANT: MCSwiggan, James

/ APPLICANT: Haeblerli, Peter

/ APPLICANT: Chowrira, Bharat

/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

/ FILE REFERENCE: 400/137 (MBHB03-198-A)

/ CURRENT FILING DATE: US/10/698,311

/ PRIOR APPLICATION NUMBER: US/10-31

/ PRIOR FILING DATE: 2003-10-31

/ PRIOR APPLICATION NUMBER: PCT/US03/05028

/ PRIOR FILING DATE: 2003-02-20

/ PRIOR APPLICATION NUMBER: US 60/358,580

/ PRIOR FILING DATE: 2002-02-20

/ PRIOR APPLICATION NUMBER: US 60/363,124

/ PRIOR FILING DATE: 2002-03-11

/ PRIOR APPLICATION NUMBER: US 60/386,782

/ PRIOR FILING DATE: 2002-06-06

/ PRIOR APPLICATION NUMBER: US 60/393,796

/ PRIOR FILING DATE: 2002-07-03

/ PRIOR APPLICATION NUMBER: 60/399,348

/ PRIOR FILING DATE: 2002-07-29

/ PRIOR APPLICATION NUMBER: US 60/406,784

/ PRIOR FILING DATE: 2002-08-29

/ PRIOR APPLICATION NUMBER: US 60/408,378

/ PRIOR FILING DATE: 2002-09-05

/ PRIOR APPLICATION NUMBER: US 60/409,293

/ PRIOR FILING DATE: 2002-09-09

/ PRIOR APPLICATION NUMBER: US 60/440,129

/ PRIOR FILING DATE: 2003-01-15

/ NUMBER OF SEQ ID NOS: 310

/ SOFTWARE: PatentIn version 3.2

/ SEQ ID NO 44

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; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-44

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 26.3%; Pred. No. 2e+02;
Matches 5; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      777 TTTTTCCTGCTGCTGTT 795
       1 UUUUUUGUGUGUGUGU 19

RESULT 74
US-10-698-311-45
; Sequence 45, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-45

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      795 TCAGAAGTTGTTAGTATT 813
       1 UCAGAGUGUGUGUGAUU 19

RESULT 75
US-10-698-311-46
; Sequence 46, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      813 TTGCTATCATATATATATA 831
       1 UUGCUAUCUAUUAUUA 19

RESULT 76
US-10-698-311-47
; Sequence 47, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
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/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 47
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-47
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches 8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;
```

Qy 831 AGATTTTAGTGTCTTTT 849

Db 1 AGAUUUUAGUGUGUCUUU 19

```
RESULT 77
US-10-698-311-48
/ Sequence 48, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 48
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-48
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

Qy 849 TAATGATCTGTCTAAGAA 867

Db 1 UAAUGAUGACUGCUAAGAA 19

```
RESULT 78
US-10-698-311-49
/ Sequence 49, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 49
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-49

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

Qy 867 AATAAGACGTATGGAAG 885

Db 1 AUAUAGACGUAUGUGAAG 19

```
RESULT 79
US-10-698-311-50
/ Sequence 50, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 50
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-50
```

```
FILE REFERENCE: 400/137 (MEHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 50
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-50

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 2e+02;
Matches 9; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

Oy      885 ATTGTTAATATATATATAT 903
      ||::||::||::||::||::||:
Db      1 AATUGGUAUAUAUAUAUAUAU 19

RESULT 80
US-10-698-311-51
Sequence 51, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haebelil, Peter
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 50
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-51
```

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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 51
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-51

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Oy      903 TACTTAAATAATGTGACG 921
      ||::||::||::||::||::||:
Db      1 UACUAAAUAUAUGUAGAC 19

RESULT 81
US-10-698-311-52
Sequence 52, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haebelil, Peter
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 52
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-52

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Oy      921 CATGAACATATGACACCTAT 939
      ||::||::||::||::||::||:
Db      1 CAUGAAACUAUGACCUAU 19
```

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RESULT 82
US-10-698-311-53
; Sequence 53, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 53
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-53

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY          939 TAAATCTAATATGAAAT 957
Db          1 UAAAUACUAAAUUGAAAU 19

RESULT 83
US-10-698-311-54
; Sequence 54, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
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; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-698-311-54

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 2e+02;
Matches 9; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

QY          957 TTTTACCATTTTGCATGT 975
Db          1 UUUUACCAUUUUGCAUGU 19

RESULT 84
US-10-698-311-55
; Sequence 55, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 19
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```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-55

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 36.8%; Pred. No. 2e+02;
Matches 7; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

QY      975 TGTATTACCTGTGTT 993
Db      1 UGUUUAUUCACUGUGUU 19

RESULT 85
US-10-698-311-56
; Sequence 56, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-56

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      993 TTGTATTAATGCTGGA 1011
Db      1 UUGUAAUUAAGUGUGA 19

RESULT 86
US-10-698-311-57
; Sequence 57, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 57
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-57

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      1011 AATTAATTAACGTTAT 1029
Db      1 AAUUAUUAUAAACGUUU 19

RESULT 87
US-10-698-311-58
; Sequence 58, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 58
```

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; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 58
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-58

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1029 TTCATTCGAAATATTTT 1047
:|||||:|||||:|:|:|
Db 1 UCUCAUUGCAAAAUUUU 19

RESULT 88
US-10-698-311-59
; Sequence 59, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-59

Query Match 1.2%; Score 19; DB 1; Length 19;
```

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Best Local Similarity 47.4%; Pred. No. 2e+02;
Matches 9; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

QY 1047 TTATTTTATCCCATCTCA 1065
:|:|:|:|:|:|:|:|:|
Db 1 UUAUUUUUAUCCCAUUCUA 19

RESULT 89
US-10-698-311-60
; Sequence 60, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-60

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 1065 ACTTATATATTAATAATCA 1083
||:|:|:|:|:|:|:|:|
Db 1 ACUUAUAUAUAAAAUACA 19

RESULT 90
US-10-698-311-61
; Sequence 61, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
```

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PRIORITY APPLICATION NUMBER: US 60/440,129
PRIORITY FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 62
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-62

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1101 AATTAGAACTGACACAA 1119
Db 1 AAUAGACUGACACAAA 19

RESULT 92
US-10-698-311-63
Sequence 63, Application US/10698311
Publication No. US2004021967A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MBH03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US/10/698,311
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 60/358,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 60/363,124
PRIORITY FILING DATE: 2002-03-11
PRIORITY APPLICATION NUMBER: US 60/386,782
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/393,796
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: 60/399,348
PRIORITY FILING DATE: 2002-07-29
PRIORITY APPLICATION NUMBER: US 60/406,784
PRIORITY FILING DATE: 2002-08-29
PRIORITY APPLICATION NUMBER: US 60/408,378
PRIORITY FILING DATE: 2002-09-05
PRIORITY APPLICATION NUMBER: US 60/409,293
PRIORITY FILING DATE: 2002-09-09
PRIORITY APPLICATION NUMBER: US 60/440,129
PRIORITY FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 63
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-63

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1119 AGGACAAAATATTAAGTT 1137
Db 1 AGGACAAAATATTAAGTT 19

```

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RESULT 93
US-10-698-311-64
; Sequence 64, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-64

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Oy      1137 TATTAATGCCATTGTGAG 1155
Db      1 UAUUAUUGCCAUUUGAAG 19

RESULT 94
US-10-698-311-65
; Sequence 65, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
```

```
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 65
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-698-311-65

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy      1155 GAAGGAGCAATTTAGAG 1173
Db      1 GAAGGAGCAUUUUGAAG 19

RESULT 95
US-10-698-311-66
; Sequence 66, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66
; LENGTH: 19
; TYPE: RNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-66
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1173 GAGGTAGAGAAATGAGAC 1191
Db      1 GAGGUAAGAGAAAUAGAAC 19

RESULT 96
US-10-698-311-67
; Sequence 67, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 67
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-698-311-67
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      1191 CATTACCCCTACACTCGGA 1209
Db      1 CATTAAACCCCAACACUCGGA 19

RESULT 97
US-10-698-311-68
; Sequence 68, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29

; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
```

```

Matches      12; Conservative      7; Mismatches      0; Indels      0; Gaps      0;

QY      1245 GTATGCACTGGTTCCTTAA 1263
      ||:|||||:|||||:
DB      1 GUAUGCACUGGUCUCCUAA 19

RESULT 100
US-10-698-311-71
; Sequence 71, Application US/10698311
; Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 71
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-71

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      1263 AGTGGCGTGATTAATTAT 1281
      ||:|||||:|||||:
DB      1 AGUGGCUUGAUUAAUUAU 19

RESULT 101
US-10-698-311-72
; Sequence 72, Application US/10698311
; Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311

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PRIORITY FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 73
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-73

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1299 AGACCCCACTACTATTGT 1317
Db 1 AGACCCCACTACUACUUGU 19

RESULT 103
US-10-698-311-74
Sequence 74, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MBH03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 74
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-74

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1317 TAGAGTGATCTATTCTCC 1335
Db 1 UAGAGUGGUCUATUUCUC 19

```

```
RESULT 104
US-10-698-311-75
; Sequence 75, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-75
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
CY 1335 CCTTCATCTGTCATGT 1353
Db 1 CCUCCAUCCGUCUACUG 19
RESULT 105
US-10-698-311-76
; Sequence 76, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

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; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 76
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-76
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 36.8%; Pred. No. 2e+02;
Matches 7; Conservative 12; Mismatches 0; Indels 0; Gaps 0;
CY 1353 TTGCTTATGTATTG 1371
Db 1 UUUGCUUAGUUAUUUG 19
RESULT 106
US-10-698-311-77
; Sequence 77, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 77
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```


[illegible]

```
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 80
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-80

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy      1425 GCCTTTATTACATATAT 1443
Db      1 GCGUUAUUUAACAUAUAU 19

RESULT 110
US-10-698-311-81
/ Sequence 81, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 81
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-81

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches 8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1443 TTGTTATTTTGTCTCGAA 1461
Db      1 UUGUUAUUUUUGUCUGAA 19

RESULT 111
US-10-698-311-82
/ Sequence 82, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 82
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-82

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy      1461 AATAATTTTGTAGTAATA 1479
Db      1 AAUAUUUUUAGUGUAAAA 19

RESULT 112
US-10-698-311-83
/ Sequence 83, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
```

```

; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 83
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-83

```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches      8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      1479 ATCTATTTGTCGTGATTT 1497
      ||:||||:||||:||||:
Db      1 AUGUUAUUUGUCUGAUAU 19

```

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RESULT 113
US-10-698-311-84
; Sequence 84, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15

```

```

; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 84
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-84

```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches     12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1497 TGGTGTGAATGCTGTACTT 1515
      ||:||||:||||:||||:
Db      1 UGGUGGAAUGGUGUACCU 19

```

```

RESULT 114
US-10-698-311-85
; Sequence 85, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 85
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-85

```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches     12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1515 TTGTGACATTAATTAATA 1533
      ||:||||:||||:||||:
Db      1 UUDUCGACAAUAAUAUA 19

```

```

RESULT 115

```

```
US-10-698-311-86
; Sequence 86, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-86

Query Match      1.2%  Score 19;  DB 1;  Length 19;
Best Local Similarity 73.7%;  Pred. No. 2e+02;
Matches 14;  Conservative 5;  Mismatches 0;  Indels 0;  Gaps 0;

QY      1523 AATAATATATTCGACCA 1541
      ||:||||:||||:||||:
Db      1 AAUAAUAUAUUCGACCA 19

RESULT 116
US-10-698-311-87/c
; Sequence 87, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
```

```
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 87
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-87

Query Match      1.2%  Score 19;  DB 1;  Length 19;
Best Local Similarity 100.0%;  Pred. No. 2e+02;
Matches 19;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

QY      3 AGTGCCATTGACGACG 21
      |||||||
Db      19 AGTGCCATTGACGACG 1

RESULT 117
US-10-698-311-88/c
; Sequence 88, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 88
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```

; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 91
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-91
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      75 AGCCACAGGAGGAGTTGT 93
Db      19 AGCCACAGGAGGAGTTGT 1
```

```
RESULT 121
US-10-698-311-92/c
; Sequence 92, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-92
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Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy      93 TGCTGCTCTGAGAAAC 111
Db      19 TGCTGCTGCTGAGAAAC 1
```

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RESULT 122
US-10-698-311-93/c
; Sequence 93, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 93
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-93
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Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy      111 CCAACAGGGGTGTGCACA 129
Db      19 CCAACAGGGGTGTGCACA 1
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RESULT 123
US-10-698-311-94/c
; Sequence 94, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
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; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 94
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-698-311-94

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      129 AAGCAGCAGAAAGACAAA 147
DB      19 AAGCAGCAGAAAGACAAA 1

RESULT 124
US-10-698-311-95/c
; Sequence 95, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 95
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-698-311-96
```

```

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 95
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-698-311-95

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      147 AAGAGGAGTGTCTCTATGT 165
DB      19 AAGAGGAGTGTCTCTATGT 1

RESULT 125
US-10-698-311-96/c
; Sequence 96, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-698-311-96

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      165 TAGGCTCCAAACCAAGGA 183
DB      19 TAGGCTCCAAACCAAGGA 1

RESULT 126
US-10-698-311-97/c
```

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/ Sequence 97, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 97
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-97

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 183 AGGAGTGTGCATGCTGT 201
Db 19 AGGAGTGTGCATGCTGT 1

RESULT 127
US-10-698-311-98/c
/ Sequence 98, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
```

```
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 98
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-98

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 201 TGGCAACGTGGCTGAGAA 219
Db 19 TGGCAACGTGGCTGAGAA 1

RESULT 128
US-10-698-311-99/c
/ Sequence 99, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 99
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```


US-10-698-311-99

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 219 AGACCAAGAGCAAGTAC 237
Db 19 AGACCAAGAGCAAGTAC 1

RESULT 129
US-10-698-311-100/c
; Sequence 100, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 100
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 100
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 237 CAATGTTGAGAGAGT 255
Db 19 CAATGTTGAGAGAGT 1

RESULT 130
US-10-698-311-101/c
; Sequence 101, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 101
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 255 TGGTGACGGGTGACAGC 273
Db 19 TGGTGACGGGTGACAGC 1

RESULT 131
US-10-698-311-102/c
; Sequence 102, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378

```

; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 102
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-102
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      273 CAGTAGCCGAGAGACGAT 291
      |||||
Db      19 CAGTAGCCGAGAGACGAT 1
```

RESULT 132

```

US-10-698-311-103/C
; Sequence 103, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-103
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      291 TGGAGGAGCAGGAGACAT 309
```

```

Db      19 TGGAGGAGCAGGAGACAT 1
      |||||
```

RESULT 133

```

US-10-698-311-104/C
; Sequence 104, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 104
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-104
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      309 TTGCAGGAGCAGTGGCTT 327
      |||||
Db      19 TTGCAGGAGCAGTGGCTT 1
```

RESULT 134

```

US-10-698-311-105/C
; Sequence 105, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
```

```
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 105
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-105

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      327 TTGTCAAAAGAGCCAGTT 345
Db      19 TTGTCAAAAGAGCCAGTT 1

RESULT 135
US-10-698-311-106/c
; Sequence 106, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 310
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-107
```

```
; SEQ ID NO 106
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-106

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      345 TGGCGAAGATGGAAGAG 363
Db      19 TGGCGAAGATGGAAGAG 1

RESULT 136
US-10-698-311-107/c
; Sequence 107, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 107
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-107

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      363 GAGCCCCAGAGAGAGAT 381
Db      19 GAGCCCCAGAGAGAGAT 1

RESULT 137
US-10-698-311-108/c
; Sequence 108, Application US/10698311
```

```
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 108
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-108

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      381 TTCTGAGATATGCCTGT 399
DB      19 TTCTGAGATATGCCTGT 1

RESULT 138
US-10-698-311-109/C
Sequence 109, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
```

```

PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 109
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-109

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      399 TGGATCTGACATGAGGC 417
DB      19 TGGATCTGACATGAGGC 1

RESULT 139
US-10-698-311-110/C
Sequence 110, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 110
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-110
```

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 417 CTTATGAATGCTTCTGA 435
DB 19 CTTATGAATGCTTCTGA 1

RESULT 140

US-10-698-311-111/c
; Sequence 111, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 111
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-111

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 435 AGGAGGATCAAGACTA 453
DB 19 AGGAGGATCAAGACTA 1

RESULT 141
US-10-698-311-112/c
; Sequence 112, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-112

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 453 ACGACCTGAAGCTAGA 471
DB 19 ACGACCTGAAGCTAGA 1

RESULT 142
US-10-698-311-113/c
; Sequence 113, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05

```

; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 113
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-113
```

```

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 471 AATATCTTGCTCCAGT 489
DB 19 AATATCTTGCTCCAGT 1
```

```

RESULT 143
US-10-698-311-114/c
; Sequence 114, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 114
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-114
```

```

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 489 TTTCTTGAGATCTGTGAC 507
DB 19 TTTCTTGAGATCTGTGAC 1
```

```
DB 19 TTTCTTGAGATCTGTGAC 1
```

```

RESULT 144
US-10-698-311-115/c
; Sequence 115, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 115
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-115
```

```

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 507 CAGATGTTCCATCTGTAC 525
DB 19 CAGATGTTCCATCTGTAC 1
```

```

RESULT 145
US-10-698-311-116/c
; Sequence 116, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
```

```
;
;   LENGTH: 19
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-117
;
;   PRIOR FILING DATE: 2002-02-20
;   PRIOR APPLICATION NUMBER: US 60/363,124
;   PRIOR FILING DATE: 2002-03-11
;   PRIOR APPLICATION NUMBER: US 60/386,782
;   PRIOR FILING DATE: 2002-06-06
;   PRIOR APPLICATION NUMBER: US 60/393,796
;   PRIOR FILING DATE: 2002-07-03
;   PRIOR APPLICATION NUMBER: 60/399,348
;   PRIOR FILING DATE: 2002-07-29
;   PRIOR APPLICATION NUMBER: US 60/406,784
;   PRIOR FILING DATE: 2002-08-29
;   PRIOR APPLICATION NUMBER: US 60/408,378
;   PRIOR FILING DATE: 2002-09-05
;   PRIOR APPLICATION NUMBER: US 60/409,293
;   PRIOR FILING DATE: 2002-09-09
;   PRIOR APPLICATION NUMBER: US 60/440,129
;   PRIOR FILING DATE: 2003-01-15
;   NUMBER OF SEQ ID NOS: 310
;   SOFTWARE: PatentIn version 3.2
;   SEQ ID NO 116
;
;   LENGTH: 19
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-116

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      525 CAAGTCAGTCCATG 543
Db      19 CAAGTCAGTCCATG 1

RESULT 146
US-10-698-311-117/c
; Sequence 117, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
;   APPLICANT: Sirna Therapeutics, Inc.
;   APPLICANT: McSwiggen, James
;   APPLICANT: Haeblerl, Peter
;   TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
;   FILE REFERENCE: 400/137 (MHB03-198-A)
;   CURRENT FILING DATE: 2003-10-31
;   PRIOR APPLICATION NUMBER: PCT/US03/05028
;   PRIOR FILING DATE: 2003-02-20
;   PRIOR APPLICATION NUMBER: US 60/358,580
;   PRIOR FILING DATE: 2002-02-20
;   PRIOR APPLICATION NUMBER: US 60/363,124
;   PRIOR FILING DATE: 2002-03-11
;   PRIOR APPLICATION NUMBER: US 60/386,782
;   PRIOR FILING DATE: 2002-06-06
;   PRIOR APPLICATION NUMBER: US 60/393,796
;   PRIOR FILING DATE: 2002-07-03
;   PRIOR APPLICATION NUMBER: 60/399,348
;   PRIOR FILING DATE: 2002-07-29
;   PRIOR APPLICATION NUMBER: US 60/406,784
;   PRIOR FILING DATE: 2002-08-29
;   PRIOR APPLICATION NUMBER: US 60/408,378
;   PRIOR FILING DATE: 2002-09-05
;   PRIOR APPLICATION NUMBER: US 60/409,293
;   PRIOR FILING DATE: 2002-09-09
;   PRIOR APPLICATION NUMBER: US 60/440,129
;   PRIOR FILING DATE: 2003-01-15
;   NUMBER OF SEQ ID NOS: 310
;   SOFTWARE: PatentIn version 3.2
;   SEQ ID NO 117
```

```
;
;   LENGTH: 19
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-117

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      543 GTGCCAGTCATGACATT 561
Db      19 GTGCCAGTCATGACATT 1

RESULT 147
US-10-698-311-118/c
; Sequence 118, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
;   APPLICANT: Sirna Therapeutics, Inc.
;   APPLICANT: McSwiggen, James
;   APPLICANT: Haeblerl, Peter
;   TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
;   FILE REFERENCE: 400/137 (MHB03-198-A)
;   CURRENT FILING DATE: 2003-10-31
;   PRIOR APPLICATION NUMBER: PCT/US03/05028
;   PRIOR FILING DATE: 2003-02-20
;   PRIOR APPLICATION NUMBER: US 60/358,580
;   PRIOR FILING DATE: 2002-02-20
;   PRIOR APPLICATION NUMBER: US 60/363,124
;   PRIOR FILING DATE: 2002-03-11
;   PRIOR APPLICATION NUMBER: US 60/386,782
;   PRIOR FILING DATE: 2002-06-06
;   PRIOR APPLICATION NUMBER: US 60/393,796
;   PRIOR FILING DATE: 2002-07-03
;   PRIOR APPLICATION NUMBER: 60/399,348
;   PRIOR FILING DATE: 2002-07-29
;   PRIOR APPLICATION NUMBER: US 60/406,784
;   PRIOR FILING DATE: 2002-08-29
;   PRIOR APPLICATION NUMBER: US 60/408,378
;   PRIOR FILING DATE: 2002-09-05
;   PRIOR APPLICATION NUMBER: US 60/409,293
;   PRIOR FILING DATE: 2002-09-09
;   PRIOR APPLICATION NUMBER: US 60/440,129
;   PRIOR FILING DATE: 2003-01-15
;   NUMBER OF SEQ ID NOS: 310
;   SOFTWARE: PatentIn version 3.2
;   SEQ ID NO 118
;
;   LENGTH: 19
;   TYPE: RNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-118

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      561 TCTCAAGTTTTCAGTG 579
Db      19 TCTCAAGTTTTCAGTG 1

RESULT 148
US-10-698-311-119/c
; Sequence 119, Application US/10698311
; Publication No. US20040219671A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 119
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-119

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      579 GTATCTCGAAGTCTTCAT 597
Db      19 GTATCTCGAAGTCTTCAT 1

RESULT 149
; Sequence 120, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 121
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-121
```

```

; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 120
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-120

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      597 TCAGCAGTGAATGAAGTAT 615
Db      19 TCAGCAGTGAATGAAGTAT 1

RESULT 150
; Sequence 121, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 121
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-121
```


Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 615 TCTGTACCTGCCCCACTC 633
DB 19 TCTGTACTGCCCCACTC 1

RESULT 151

US-10-698-311-122/c
; Sequence 122, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 122
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-122

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 633 CAGCATTCGGTCTTCCC 651
DB 19 CAGCATTCGGTCTTCCC 1

RESULT 152
US-10-698-311-123/c
; Sequence 123, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293

FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 123
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-123

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 651 CTTTCACTGAAGTGATAC 669
DB 19 CTTTCACTGAAGTGATAC 1

RESULT 153
US-10-698-311-124/c
; Sequence 124, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293

```
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 124
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-124
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 669 CATGGTAGCAGGATCTTTG 687
Db 19 CATGGTAGCAGGATCTTTG 1
```

```
RESULT 154
US-10-698-311-125/c
/ Sequence 125, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 125
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-125
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 687 GTGTCGTGATTTG 705
Db 19 GTGTCGTGATTTG 1
```

```
RESULT 155
```

```
US-10-698-311-126/c
/ Sequence 126, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 126
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-126
```

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Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 705 GGCCTCAATCTACGATGTT 723
Db 19 GGCCTCAATCTACGATGTT 1
```

```
RESULT 156
US-10-698-311-127/c
/ Sequence 127, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
```

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; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 127
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-127
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      723 TAAACAAATTAAAAACAC 741
Db      19 TAAACAAATTAAAAACAC 1

RESULT 157
US-10-698-311-128/c
; Sequence 128, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 128
; LENGTH: 19
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; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-128
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      741 CCTAAGTACTACCACTTA 759
Db      19 CCTAAGTACTACCACTTA 1

RESULT 158
US-10-698-311-129/c
; Sequence 129, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 129
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-129
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      759 ATTCTAAATCCCTACTAT 777
Db      19 ATTCTAAATCCCTACTAT 1

RESULT 159
US-10-698-311-130/c
; Sequence 130, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
```

```
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 130
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-130

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      777 TTTTGTGCTGTGTT 795
Db      19 TTTTGTGCTGTGTT 1

RESULT 160
US-10-698-311-131/c
/ Sequence 131, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
```

```
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 131
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-131

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      795 TCAGAGTTGTTAGTGATT 813
Db      19 TCAGAGTTGTTAGTGATT 1

RESULT 161
US-10-698-311-132/c
/ Sequence 132, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 132
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-132
```

Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 813 TTGCTATCATATATATTATTA 831

Db 19 TTGCTATCATATATATTATTA 1

RESULT 162

US-10-698-311-133/c

; Sequence 133, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirta Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerli, Peter

; APPLICANT: Chowitra, Bharat

; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

; FILE REFERENCE: 400/137 (MBHB03-198-A)

; CURRENT APPLICATION NUMBER: US/10/698,311

; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; PRIOR FILING DATE: 2003-01-15

; NUMBER OF SEQ ID NOS: 310

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 133

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-133

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 831 AGATTTTAGGTCCTTT 849

Db 19 AGATTTTAGGTCCTTT 1

RESULT 163

US-10-698-311-134/c

; Sequence 134, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirta Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerli, Peter

; APPLICANT: Chowitra, Bharat

; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

; FILE REFERENCE: 400/137 (MBHB03-198-A)

; CURRENT APPLICATION NUMBER: US/10/698,311

; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; PRIOR FILING DATE: 2003-01-15

; NUMBER OF SEQ ID NOS: 310

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 134

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-134

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 849 TAATGATCTGCTTAAGA 867

Db 19 TAATGATCTGCTTAAGA 1

RESULT 164

US-10-698-311-135/c

; Sequence 135, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirta Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerli, Peter

; APPLICANT: Chowitra, Bharat

; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

; FILE REFERENCE: 400/137 (MBHB03-198-A)

; CURRENT APPLICATION NUMBER: US/10/698,311

; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

```
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 135
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-135
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 867 ATATGACGTATTGTGAAA 885
DB 19 ATATGACGTATTGTGAAA 1
```

```
RESULT 165
US-10-698-311-136/c
; Sequence 136, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 136
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-136
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 885 ATTGTAAATATATATAT 903
DB 19 ATTGTAAATATATATAT 1
```

Db

```
RESULT 166
US-10-698-311-137/c
; Sequence 137, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 137
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-137
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 903 TACTTAAATATATGTGAC 921
DB 19 TACTTAAATATATGTGAC 1
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```
RESULT 167
US-10-698-311-138/c
; Sequence 138, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-139
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 138
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-138
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      921 CATGAACCTATGCACCTAT 939
Db      19 CATGAACCTATGCACCTAT 1
```

```
RESULT 168
US-10-698-311-139/c
; Sequence 139, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 139
; LENGTH: 19
; TYPE: RNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-140
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      939 TAAATCAATATGAAT 957
Db      19 TAAATCAATATGAAT 1
```

```
RESULT 169
US-10-698-311-140/c
; Sequence 140, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 140
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-140
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      957 TTTTACCATTTTGGAGT 975
Db      19 TTTTACCATTTTGGAGT 1
```

```
RESULT 170
US-10-698-311-141/c
; Sequence 141, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```


Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1011 AATTAAATAAACGTTAT 1029

Db 19 AATTAAATAAACGTTAT 1

RESULT 173

US-10-698-311-144/c

; Sequence 144, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerl, Peter

; APPLICANT: Chowrira, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/137 (MHB03-198-A)

; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; PRIOR FILING DATE: 2003-01-15

; NUMBER OF SEQ ID NOS: 310

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 144

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-144

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 2e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1029 TCTCATTCGCAAAATATTT 1047

Db 19 TCTCATTCGCAAAATATTT 1

RESULT 174

US-10-698-311-145/c

; Sequence 145, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerl, Peter

; APPLICANT: Chowrira, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/137 (MHB03-198-A)

; CURRENT APPLICATION NUMBER: US/10/698,311

; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

; PRIOR FILING DATE: 2003-01-15

; NUMBER OF SEQ ID NOS: 310

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 145

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-145

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 2e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 TTATTTTATCCCATCTCA 1065

Db 19 TTATTTTATCCCATCTCA 1

RESULT 175

US-10-698-311-146/c

; Sequence 146, Application US/10698311

; Publication No. US20040219671A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Haeblerl, Peter

; APPLICANT: Chowrira, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/137 (MHB03-198-A)

; CURRENT APPLICATION NUMBER: US/10/698,311

; PRIOR FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/408,378

; PRIOR FILING DATE: 2002-09-05

; PRIOR APPLICATION NUMBER: US 60/409,293

; PRIOR FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: US 60/440,129

```

; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 146
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-146
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1065 ACTTATATATAAAATCA 1083
Db      19 ACTTATATATAAAATCA 1
```

```

RESULT 176
US-10-698-311-147/c
; Sequence 147, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 147
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-147
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1083 ATGCTTATAACACATGA 1101
Db      19 ATGCTTATAACACATGA 1
```

```

RESULT 177
US-10-698-311-148/c
; Sequence 148, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 148
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-148
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1101 AATTAGAACTGACACAAA 1119
Db      19 AATTAGAACTGACACAAA 1
```

```

RESULT 178
US-10-698-311-149/c
; Sequence 149, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
```

Query Match	1.2%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
			Indels	0;
			Gaps	0

Db 19 AGGACAAATATTAAGTT 1

ORGANISM: Artificial Sequence

Query Match	1.2%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2e+02;		
Matches	19;	Conservative	0;	Mismatches
			0;	Indels
				Gaps
				0;

Db 19 TATTAATAGCCATTGAAG 1

US-10-698-311-151

Matches 19; Conservative 0;

Db 19 GAAGGAGGAATTTAGAG

APPLICANT: McSwiggen, James

APPLICANT: McSwiggan, James

QY 1209 AATTCCTGAAGCAACT 1227
Db 19 AATTCCTGAAGCAACT 1
RESULT 184
US-10-698-311-155/c
; Sequence 155, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 155
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-155
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1227 TGCCAGAAGTGTTTGG 1245
Db 19 TGCCAGAAGTGTTTGG 1
RESULT 185
US-10-698-311-156/c
; Sequence 156, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 156
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-156
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1245 GTATGCACTGTTCTTAA 1263
Db 19 GTATGCACTGTTCTTAA 1
RESULT 186
US-10-698-311-157/c
; Sequence 157, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15

```
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 157
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-157
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1263 ACTGCGTGTGATTATTAT 1281
Db 19 ACTGCGTGTGATTATTAT 1
```

```
RESULT 187
US-10-698-311-158/c
/ Sequence 158, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 158
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-158
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1281 TTGAAGTGGGTTGTA 1299
Db 19 TTGAAGTGGGTTGTA 1
```

RESULT 188

```
US-10-698-311-159/c
/ Sequence 159, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 159
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-159
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1299 AGACCCCACTACTATTGT 1317
Db 19 AGACCCCACTACTATTGT 1
```

```
RESULT 189
US-10-698-311-160/c
/ Sequence 160, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
```

Query Match	1.2%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches	19;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

RESULT 190
US-10-698-

```

1 Sequence 161, Application US/10698311
2 Publication No. US20040219671A1
3 GENERAL INFORMATION:
4 APPLICANT: Sirna Therapeutics, Inc.
5 APPLICANT: McSwiggen, James
6 APPLICANT: Haeblerli, Peter
7 APPLICANT: Chowrira, Bharat
8 TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
9 TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
10 FILE REFERENCE: 400/137 (MBHB03-198-A)
11 CURRENT APPLICATION NUMBER: US/10/698,311
12 CURRENT FILING DATE: 2003-10-31
13 PRIOR APPLICATION NUMBER: PCT/US03/05028
14 PRIOR FILING DATE: 2003-02-20
15 PRIOR APPLICATION NUMBER: US 60/358,580
16 PRIOR FILING DATE: 2002-02-20
17 PRIOR APPLICATION NUMBER: US 60/363,124
18 PRIOR FILING DATE: 2002-03-11
19 PRIOR APPLICATION NUMBER: US 60/386,782
20 PRIOR FILING DATE: 2002-06-06
21 PRIOR APPLICATION NUMBER: US 60/393,796
22 PRIOR FILING DATE: 2002-07-03
23 PRIOR APPLICATION NUMBER: 60/399,348
24 PRIOR FILING DATE: 2002-07-29
25 PRIOR APPLICATION NUMBER: US 60/406,784
26 PRIOR FILING DATE: 2002-08-29
27 PRIOR APPLICATION NUMBER: US 60/408,378
28 PRIOR FILING DATE: 2002-09-05
29 PRIOR APPLICATION NUMBER: US 60/409,293
30 PRIOR FILING DATE: 2002-09-09
31 PRIOR APPLICATION NUMBER: US 60/440,129
32 PRIOR FILING DATE: 2003-01-15
33 NUMBER OF SEQ ID NOS: 310
34 SOFTWARE: PatentIn version 3.2
35 SEQ ID NO 161
36 LENGTH: 19
37 TYPE: RNA
38 ORGANISM: Artificial Sequence
39 FEATURE:

```

Query Match	1.2%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%	Pred. No. 2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

RESULT 191
US-10-698-

```

Sequence 16: Application US/106598311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Choevitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MEH803-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 162
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US--10-698-311-162

```

Query Match	1.2%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

RESULT 192
US-10-698-

Sequence 163, Application US/10658311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Strna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter

```

; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-163

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1371 GGGAACTGTTGTTGATGT 1389
Db      19 GGGAACTGTTGTTGATGT 1

RESULT 193
US-10-698-311-164/c
; Sequence 164, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
```

```

; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 164
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-164

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1389 TGTATGTTTATTAATGTT 1407
Db      19 TGTATGTTTATTAATGTT 1
```

```

RESULT 194
US-10-698-311-165/c
; Sequence 165, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 165
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-165
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```

OY      1407 TTATACATTTTAAATTGAG 1425
      |||||||
Db      19  TTATACATTTTAAATTGAG 1

RESULT 195
US-10-698-311-166/c
; Sequence 166, Application US/10698311
; Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrite, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 166
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-166

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1425 GCCTTTATTAACTATAT 1443
      |||||||
Db      19  GCCTTTATTAACTATAT 1

RESULT 196
US-10-698-311-167/c
; Sequence 167, Application US/10698311
; Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrite, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028

```

```

PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 60/358,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 60/363,124
PRIORITY FILING DATE: 2002-03-11
PRIORITY APPLICATION NUMBER: US 60/386,782
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/393,796
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: 60/399,348
PRIORITY FILING DATE: 2002-07-29
PRIORITY APPLICATION NUMBER: US 60/406,784
PRIORITY FILING DATE: 2002-08-29
PRIORITY APPLICATION NUMBER: US 60/408,378
PRIORITY FILING DATE: 2002-09-05
PRIORITY APPLICATION NUMBER: US 60/409,293
PRIORITY FILING DATE: 2002-09-09
PRIORITY APPLICATION NUMBER: US 60/440,129
PRIORITY FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 167
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-167

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1443 TTGTTATTTTGTCTCGAA 1461
Db      19  TTGTTATTTTGTCTCGAA 1

RESULT 197
US-10-698-311-168/c
Sequence 168, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sina Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowhira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 60/358,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 60/363,124
PRIORITY FILING DATE: 2002-03-11
PRIORITY APPLICATION NUMBER: US 60/386,782
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/393,796
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: 60/399,348
PRIORITY FILING DATE: 2002-07-29
PRIORITY APPLICATION NUMBER: US 60/406,784
PRIORITY FILING DATE: 2002-08-29
PRIORITY APPLICATION NUMBER: US 60/408,378
PRIORITY FILING DATE: 2002-09-05
PRIORITY APPLICATION NUMBER: US 60/409,293
PRIORITY FILING DATE: 2002-09-09
PRIORITY APPLICATION NUMBER: US 60/440,129
PRIORITY FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310

```

```
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 168
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-168

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1461 AATAATTTTGTGTTAAA 1479
Db      19 AATAATTTTGTGTTAAA 1

RESULT 198
US-10-698-311-169/c
/ Sequence 169, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerl, Peter
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 169
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-169

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1479 ATCATTTTGTGATATT 1497
Db      19 ATCATTTTGTGATATT 1

RESULT 199
US-10-698-311-170/c

/ Sequence 170, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 170
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-170

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1497 TGGTGAATGCTGTACTT 1515
Db      19 TGGTGAATGCTGTACTT 1

RESULT 200
US-10-698-311-171/c
/ Sequence 171, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
```

```
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 171
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-171
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1515 TTCTGCATTAATTAATA 1533
Db      19  TTCTGCATTAATTAATA 1
```

```
RESULT 201
US-10-698-311-172/c
; Sequence 172, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 172
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```

US-10-698-311-172

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1523 AATAAATTAATTTGACCA 1541
Db      19  AATAAATTAATTTGACCA 1
```

```
RESULT 202
US-10-861-060-1
; Sequence 1, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 1
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-1
```

```
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3  AGTGGCATTGACGACAG 21
Db      1  AGUGGCCAUUCCAGACAG 19
```

```
RESULT 203
US-10-861-060-2
; Sequence 2, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
```

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; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,111
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-2

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      21 GGTGCTGTAAGGATTC 39
DB      1 GUGUGUGUAGAAGAUUC 19

RESULT 204
; Sequence 3, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,111
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
```

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; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-3

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      39 CATTAGCCATGATGATT 57
DB      1 CATTAGCCATGATGATT 57

RESULT 205
; Sequence 4, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,111
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-4
```

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 57 TCATGAAGACTTTCAA 75
:|||||:|||||:
Db 1 UCAUGAAGGACUUCAAA 19

RESULT 206
US-10-861-060-5

; Sequence 5, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowirita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-5

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 75 AGGCCAAGAGGAGTTGT 93
:|||||:|||||:
Db 1 AGGCCAAGAGGAGGAGU 19

RESULT 207
US-10-861-060-6
; Sequence 6, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowirita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 6
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-6

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 93 TGGCTGCTGCTGAGAAAC 111
:|||||:|||||:
Db 1 UGGCUCGUCUGAGAAAC 19

RESULT 208
US-10-861-060-7

; Sequence 7, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowirita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028

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; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-7

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      111 CCAACAGGCTGTGCACA 129
      |||||:|||||
Db      1 CCAACAGGUGUGGCACA 19

RESULT 209
US-10-861-060-8
; Sequence 8, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 8
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-8

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      129 AAGCAGCAGAAAGACAA 147
      |||||:|||||
Db      1 AAGCAGCAGAAAGACAA 19

RESULT 210
US-10-861-060-9
; Sequence 9, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-9

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      147 AAGAGGCTGTCTCTATGT 165
      |||||:|||||
Db      1 AAGAGGUGUUCUUAUGU 19

RESULT 211
US-10-861-060-10
; Sequence 10, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
```

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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US04/13456
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 10
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-10

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      165 TAGGCTCCAAACCAAGGA 183
Db      1 UGAGCUCCAAAACCAAGGA 19

RESULT 212
US-10-861-060-11
Sequence 11, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sigma Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haebertl, Peter
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
```

```

PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 11
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-11

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      183 AGGAGTGTGTCATGTCT 201
Db      1 AGGAGUGUGCAUGUGU 19

RESULT 213
US-10-861-060-12
Sequence 12, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sigma Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haebertl, Peter
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 12
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-12

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      201 TGGCAACATGGCTGAGAA 219
Db      1 TGGCAACATGGCTGAGAA 219
```

Db 1 UGCAACAGUGGUGAGAA 19

RESULT 214

US-10-861-060-13

Sequence 13, Application US/10861060

Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirta Therapeutics, Inc.

APPLICANT: McSwigen, James

APPLICANT: Haebertl, Peter

APPLICANT: Chowrira, Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 10/698311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US04/13456

PRIOR FILING DATE: 2004-04-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 374

SOFTWARE: PatentIn version 3.3

SEQ ID NO 13

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense

US-10-861-060-13

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 219 AGACCAAGAGCAAGTGAC 237

Db 1 AGACCAAGAGCAAGTGAC 19

RESULT 215

US-10-861-060-14

Sequence 14, Application US/10861060

Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirta Therapeutics, Inc.

APPLICANT: McSwigen, James

APPLICANT: Haebertl, Peter

APPLICANT: Chowrira, Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

Remaining Prior Application data removed - See File Wrapper or PALM.

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 10/698311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US04/13456

Remaining Prior Application data removed - See File Wrapper or PALM.

US-10-861-060-14

Query Match 1.2%; Score 19; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 2e+02; Mismatches 4; Indels 0; Gaps 0;

Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 237 CAATGTTGAGAGCACT 255

Db 1 CAATGTTGAGAGCACT 19

RESULT 216

US-10-861-060-15

Sequence 15, Application US/10861060

Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirta Therapeutics, Inc.

APPLICANT: McSwigen, James

APPLICANT: Haebertl, Peter

APPLICANT: Chowrira, Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 10/698311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US04/13456

Remaining Prior Application data removed - See File Wrapper or PALM.


```
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 15
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-15

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      255 TGGTGACGGGTGTGACAGC 273
Db      1 UGUGAGCGGUGUGACAGC 19

RESULT 217
US-10-861-060-16
; Sequence 16, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 16
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-16

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      273 CAGTACCCGAGAGACAGT 291
Db      1 CAGUAGCCGAGAGACAGU 19
```

```
RESULT 218
US-10-861-060-17
; Sequence 17, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 17
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-17

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      291 TGGAGGAGCAGGAGCAGT 309
Db      1 UGAGGAGCAGCAGGAGCAU 19

RESULT 219
US-10-861-060-18
; Sequence 18, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
```

;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 18
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-18

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 309 TTGCAGCAGCCACTGCGCTT 327
:::|||||:|||||:|||||:
DB 1 UUGCAGCAGCCACUGCGCTU 19

RESULT 220
US-10-861-060-19
;; Sequence 19, Application US/10861060
;; Publication No. US20050137155A1
;; GENERAL INFORMATION:
;; APPLICANT: Sina Therapeutics, Inc.
;; APPLICANT: McSwiggen, James
;; APPLICANT: Haebelil, Peter
;; APPLICANT: Chowrita, Bharat
;; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;; FILE REFERENCE: 400/162 (MBH804-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; PRIOR FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 19

;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-19

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 327 TTGTCAAAAAGACCACTT 345
:::|||||:|||||:|||||:
DB 1 UUGCAAAAAGACCACTU 19

RESULT 221
US-10-861-060-20
;; Sequence 20, Application US/10861060
;; Publication No. US20050137155A1
;; GENERAL INFORMATION:
;; APPLICANT: Sina Therapeutics, Inc.
;; APPLICANT: McSwiggen, James
;; APPLICANT: Haebelil, Peter
;; APPLICANT: Chowrita, Bharat
;; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;; FILE REFERENCE: 400/162 (MBH804-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; PRIOR FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 20
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-20

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 345 TGCGCAAGATGATGAAGG 363
:::|||||:|||||:|||||:
DB 1 UGCGCAAGATGATGAAGG 19

RESULT 222
US-10-861-060-21
;; Sequence 21, Application US/10861060

```
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 21
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-21

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 18; Conservative 1; Mismatches 0;

QY      363 GAGCCCGACGAGGAGAT 381
DB      1 GAGCCCGACGAGGAGAU 19

RESULT 223
US-10-861-060-22
Sequence 22, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 23
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
```

```
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 22
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-22

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 12; Conservative 7; Mismatches 0;

QY      381 TTCTGGAGATATGCTGT 399
DB      1 TTCTGGAGATATGCTGT 19

RESULT 224
US-10-861-060-23
Sequence 23, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 23
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-23

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      399 TGGATCTGCAATGAGGC 417
      :|||:|||||:|||||
Db      1 UGGAUCCUGACAUGAGGC 19

RESULT 225
US-10-861-060-24
/ Sequence 24, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 24
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-24

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      417 CTTATGAATGCTTCTGA 435
      |||:|||||:|||||
Db      1 CUUUAUGAAGCCUUCUGA 19

RESULT 226
US-10-861-060-25
/ Sequence 25, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
```

```
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 25
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-25

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      435 AGGAAGGATCAAGACTA 453
      |||||:|||||:|||||
Db      1 AGGAAGGUAUCAGACUA 19

RESULT 227
US-10-861-060-26
/ Sequence 26, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
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; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 26
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-26

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      453 ACGAAGCTGAGAGCTAAGA 471
Db      1 ACGAAGCTGAGAGCTAAGA 19

RESULT 228
US-10-861-060-27
; Sequence 27, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 27
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-27
```

```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      471 AAATATCTTGCTCCAGT 489
Db      1 AAATATCTTGCTCCAGT 19

RESULT 229
US-10-861-060-28
; Sequence 28, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 28
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-28

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      489 TTTCCTTGAGATGCTGAC 507
Db      1 TTTCCTTGAGATGCTGAC 19

RESULT 230
US-10-861-060-29
; Sequence 29, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
```

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; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 29
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-29

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      507 CAGATGTCATCTCTGCTAC 525
DB      1 CAGAUGUCCAUCCUGUAC 19

RESULT 231
US-10-861-060-30
; Sequence 30, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
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; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 30
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-30

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      525 CAAGTCTCAGTTCATG 543
DB      1 CAAGUCUCCAUCCAUAG 19

RESULT 232
US-10-861-060-31
; Sequence 31, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 31
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-31

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
```

Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 543 GTGCCAGTCATGACATTT 561
Db 1 GUGCCAGCAGCAGCAGUUU 19

RESULT 233

US-10-861-060-32
; Sequence 32, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 32
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-32

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

Qy 561 TCTCAAGTTTTCACGTG 579
Db 1 UCUCAAAGUUUUACGUG 19

RESULT 234

US-10-861-060-33
; Sequence 33, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)

; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03

; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 33
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-33

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 579 GTATCTCGAAGTCTTCAT 597
Db 1 GUADUCGAGAGCUCUCAU 19

RESULT 235

US-10-861-060-34
; Sequence 34, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311


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; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 37
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-37

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

OY      651 CTTCTGACGAGTGAATAC 669
Db      1 CUUUCACUGAAGUAGAUAC 19

RESULT 239
US-10-861-060-38
; Sequence 38, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 38
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-38

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

OY      669 CATGTGACGAGGCTTTTG 687
Db      1 CAUGUGACGAGGUGUUG 19

RESULT 240
US-10-861-060-39
; Sequence 39, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 39
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-39

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

OY      687 GTTGTCTGTGATTTTGTG 705
Db      1 GTUGUCUGUGAGAUUUG 19
```

```
RESULT 241
US-10-861-060-40
; Sequence 40, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 40
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-40
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 705 GGCTCAATCTAGATGTT 723
Db 1 GGCTUCAAUCUACAGUGU 19

RESULT 242
US-10-861-060-41
; Sequence 41, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
```

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; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 41
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-41
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAAACAAATTAAACAC 741
Db 1 UAAACAAAUUAAAAACAC 19

RESULT 243
US-10-861-060-42
; Sequence 42, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
```

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; SEQ ID NO 42
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-42

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      741 CCTAAGTACTACCACTTA 759
Db      1 CCUAAAGUCACUACCACTUA 19

RESULT 244
US-10-861-060-43
; Sequence 43, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 43
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-43

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      759 ATTCTAATCTCTACTAT 777
Db      1 AUUUCUAAAUCCUACCAU 19

RESULT 245
US-10-861-060-44

; Sequence 44, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 44
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-44

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 26.3%; Pred. No. 2e+02;
Matches 5; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      777 TTTTGTGCTGCTGTT 795
Db      1 UUUUUUUGUCUUCUU 19

RESULT 246
US-10-861-060-45
; Sequence 45, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
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; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 45
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-45

```

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Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

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QY 795 TCAGAGTGTTCAGCAT 813

Db 1 UCAGAGUGUGUAGUGCAU 19

RESULT 247

```

US-10-861-060-46
; Sequence 46, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Chowrita, Bharat
; APPLICANT: Haeblerl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 46
; LENGTH: 19
; TYPE: RNA

```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-46

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```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 2e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

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QY 813 TTGCTATCATATATATTA 831

Db 1 UUGCUUACUAUUAUUA 19

RESULT 248

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US-10-861-060-47
; Sequence 47, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 47
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-47

```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches 8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

```

QY 831 AGATTTTACGTGCTTTT 849

Db 1 AGAUUUUAGUGUCUUU 19

RESULT 249

```

US-10-861-060-48
; Sequence 48, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/661,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 48
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
;
US-10-861-060-48
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 849 TAATGACTGTCTAAGAA 867
; |||:|||:|||:|||
; |||:|||:|||:|||
Db 1 UAAUGAUCUGUAGAA 19

RESULT 250
US-10-861-060-49
; Sequence 49, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
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; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 49
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
;
US-10-861-060-49
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 867 AATAGACGTAATGTGAA 885
; |||:|||:|||:|||
; |||:|||:|||:|||
Db 1 AUAUGACGUAGUAGAA 19

RESULT 251
US-10-861-060-50
; Sequence 50, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 50
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
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; ORGANISM: Artificial Sequence
; FEATURE:
; ; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-54

Query Match      1.2%; Score 19; DB 1; Length 19;

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Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 36.8%; Pred. No. 2e+02;
Matches 7; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

Oy      975 TGTATTATTCACCTGGTGT 993
       :|:::|::|||::|::|::|::
Db      1 UGUUUUUAUCACUGUGUU 19

RESULT 257
US-10-861-060-56
; Sequence 56, Application US//10861060
; Publication No. US2005013715A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

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FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 56
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-56
```

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Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 12; Conservative 7; Mismatches 0;
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QY 993 TTGTATATATATGTGTGAGA 1011
DB 1 UUGUAAUAAUUGUGUAGA 19
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RESULT 258
US-10-861-060-57
Sequence 57, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowfira, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 57
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-57
```

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Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 13; Conservative 6; Mismatches 0;
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QY 1011 AATTAAATTAACGTTAT 1029
DB 1 AAUUAUAAUAAACGUAAU 19
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RESULT 259
US-10-861-060-58
Sequence 58, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowfira, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 58
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-58
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Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 11; Conservative 8; Mismatches 0;
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; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 61
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-61

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1083 ATGCTTAAAGCAACATGA 1101
DB 1 AUGCUUAAUAGCAACAUGA 19

RESULT 263
US-10-861-060-62
; Sequence 62, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 62
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-62

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1101 AATTAAGAACTGACACAA 1119
DB 1 AAUUAAGACGACACAA 19
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RESULT 264
US-10-861-060-63
; Sequence 63, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 63
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-63

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1119 AGGACAAAATTTAAAGTT 1137
DB 1 AGGACAAAATAUAAAGUU 19

RESULT 265
US-10-861-060-64
; Sequence 64, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
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; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 64
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-64

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      1137 TATTATGACGATTGAAG 1155
Db      1 UAUAAGCAUUGAAG 19

RESULT 266
US-10-861-060-65
; Sequence 65, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
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; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 65
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-65

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      1155 GAAGAGGAATTGAAG 1173
Db      1 GAAGAGGAUUAUGAAG 19

RESULT 267
US-10-861-060-66
; Sequence 66, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 66
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-66

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1173 GAGTRGAGAAATGGAAC 1191
Db      1 GAGGUAAGAAAAUUGAAC 19

RESULT 268
```

```
US-10-861-060-67
; Sequence 67, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 67
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-67

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      1191 CATTACCTACCTCGGA 1209
Db      1 CAUUAACCCUACACUCGGA 19

RESULT 269
US-10-861-060-68
; Sequence 68, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
```

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; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-68

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      1209 AATTCCCTGAGCACT 1227
Db      1 AAUUCUAGACACACU 19

RESULT 270
US-10-861-060-69
; Sequence 69, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 69
; LENGTH: 19
```

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-69

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      1227 TGCAGAGTGTGTTTGG 1245
Db      1 UGCCAGAGUGUGUUGG 19

RESULT 271
US-10-861-060-70
; Sequence 70, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 70
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-70

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      1245 GTATGACTGTGTCCTTAA 1263
Db      1 GUAUGCAGUGUCCUUA 19

RESULT 272
US-10-861-060-71
; Sequence 71, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 71
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-71

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      1263 AGTGCTGTGATTATTAT 1281
Db      1 AGUGGUGUGAUUAUUAU 19

RESULT 273
US-10-861-060-72
; Sequence 72, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-72
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; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 72
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-72

Query Match
Best Local Similarity 68.4%; Pred. No. 2e+02; Length 19;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      1281 TTGAAGTGGCGTGTGAA 1299
DB      1 UGAGAAAGUGGUGUUGAA 19

RESULT 274
US-10-861-060-73
; Sequence 73, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 73
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-73

Query Match
Best Local Similarity 73.7%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      1299 AGACCCCAACTACTATTGT 1317
DB      1 AGACCCCAACUACUACUUGU 19

RESULT 275
US-10-861-060-74
; Sequence 74, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-74

Query Match
Best Local Similarity 57.9%; Pred. No. 2e+02; Length 19;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      1317 TAGAGTGCTATTTCCTCC 1335
DB      1 UAGAGUGUGUACUACUUCUC 19

RESULT 276
US-10-861-060-75
; Sequence 75, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
```

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; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 75
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-75

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      1335 CCTCATCGTCGTCATGT 1353
Db      1 CCUCCAUCCUGCAUUGU 19

RESULT 277
US-10-861-060-76
; Sequence 76, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowirita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 77
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-77
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; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 76
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-76

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 36.8%; Pred. No. 2e+02;
Matches 7; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

QY      1353 TTYGCTTATGATTTTG 1371
Db      1 UUGCUUUAUUGAUUUUG 19

RESULT 278
US-10-861-060-77
; Sequence 77, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowirita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 77
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-77
```

```
Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

Qy      1371 GGGAACTGTTGTTGATGT 1389
      |||||:::||||:|
Db      1 GGGAACTGUTUUGAUGU 19

RESULT 279
US-10-861-060-78
; Sequence 78, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 78
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-78

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches 8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

Qy      1389 TGTATGTTTATATGTA 1407
      ::||:||||:||||:|
Db      1 UGUAAUGUUAUUGU 19

RESULT 280
US-10-861-060-79
; Sequence 79, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

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; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 79
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-79

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 2e+02;
Matches 9; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

Qy      1407 TTATACATTTTATGAG 1425
      ::||:||||:||||:|
Db      1 UUAUACUUUUAUUGAG 19

RESULT 281
US-10-861-060-80
; Sequence 80, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
```


Query Match	1.2%	Score 19;	DB 1;	Length 19;
Similarity	42.1%	Pred. No. 2e+02;		
Best Local				
Matches	8;	Conservative	0;	Indels 0;
				Gaps 0;

```

Query Match          1.2%;   Score 19;   DB 1;   length 19;
Best Local Similarity 52.6%;   Pread. No. 2E+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0.

```

```

; FILE REFERENCE: 400/162 (MBHB04-312-A)
; CURRENT APPLICATION NUMBER: US/10/861,060

```

```

CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 83
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-83

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 42.1%; Pred. No. 2e+02;
Matches      8; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

Qy      1479 ATCTATTTGCTGATATT 1497
Db      1 AUCUAAUUUGUCUGAUAU 19

RESULT 285
US-10-861-060-84
Sequence 84, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sigma Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowritza, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: US/10/861,060
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 85
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-85
```

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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 84
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-84

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches      12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy      1497 TGGTGGAATGCTGACCT 1515
Db      1 UGUGUGAAGUCUGAACCU 19

RESULT 286
US-10-861-060-85
Sequence 85, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sigma Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowritza, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: US/10/861,060
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 85
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-85

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2e+02;
Matches      12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy      1515 TTCTGCAATTAATTAATA 1533
Db      1 TTTCTGCAATTAATTAATA 1533
```

```
Db      1 UUUCGACAAUAAUAAUA 19

RESULT 287
US-10-861-060-86
; Sequence 86, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 86
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-86

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2e+02;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY      1523 AATAATATATTCGACCA 1541
||:||||:||||:||||:||||
Db      1 AAUAAUAAUAAUUCGACCA 19

RESULT 288
US-10-861-060-87/C
; Sequence 87, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-87

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 AGTGGCATTTCGACGACAG 21
|||||
Db      19 AGTGGCATTTCGACGACAG 1

RESULT 289
US-10-861-060-88/C
; Sequence 88, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```

; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 88
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-88
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      21 GTGTGCTGTAAGAAATTC 39
Db      19 GTGTGCTGTAAGAAATTC 1
```

```

RESULT 290
US-10-861-060-89/c
; Sequence 89, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-89
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      39 CATTAGCATGATGATT 57
Db      19 CATTAGCATGATGATT 1
```

```

RESULT 291
US-10-861-060-90/c
; Sequence 90, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-90
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      57 TCATGAAGAACTTCAAA 75
Db      19 TCATGAAGAACTTCAAA 1
```

```

RESULT 292
US-10-861-060-91/c
; Sequence 91, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowhira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
```

RESULT 295
US-10-861-060-94/c
; Sequence 94, Application US/10861060

```
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 94
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-94

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      129 AAGCAGCAGAAAGACAA 147
Db      19 AAGCAGCAGAAAGACAA 1

RESULT 296
US-10-861-060-95/c
/ Sequence 95, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
```

```
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 95
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-95

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      147 AAGAGGCTGTTCTATGT 165
Db      19 AAGAGGCTGTTCTATGT 1

RESULT 297
US-10-861-060-96/c
/ Sequence 96, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 96
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-96
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 165 TAGGCTCCAAACCAAGGA 183
DB 19 TAGGCTCCAAACCAAGGA 1

RESULT 298
US-10-861-060-97/c
; Sequence 97, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 97
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-97

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 183 AGGAGTGCTGCATGCTGT 201
DB 19 AGGAGTGCTGCATGCTGT 1

RESULT 299
US-10-861-060-98/c
; Sequence 98, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-99/c
; Sequence 99, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-98

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 201 TGGCAACAGTGTCTGAGAA 219
DB 19 TGGCAACAGTGTCTGAGAA 1

RESULT 300
US-10-861-060-99/c
; Sequence 99, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-98
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; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 99
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-99

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      219 AGACCAAGAGCAAGTGAC 237
Db      19 AGACCAAGAGCAAGTGAC 1

RESULT 301
US-10-861-060-100/c
; Sequence 100, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 100
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-100
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```

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      237 CAAATGTTGAGGAGCAGT 255
Db      19 CAAATGTTGAGGAGCAGT 1

RESULT 302
US-10-861-060-101/c
; Sequence 101, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 101
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-101

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      255 TGGTGACGGGTGTGACAGC 273
Db      19 TGGTGACGGGTGTGACAGC 1

RESULT 303
US-10-861-060-102/c
; Sequence 102, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
```



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; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 102
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-102

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      273 CAGTAGCCGAGAGACAGT 291
DB      19 CAGTAGCCGAGAGACAGT 1

RESULT 304
US-10-861-060-103/c
; Sequence 103, Application US/10861060
; GENERAL INFORMATION:
; APPLICANT: MsWiggen, James
; APPLICANT: Heberli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 104
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-104
```

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; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 103
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-103

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      291 TCGAGGAGCAGGAGACAT 309
DB      19 TCGAGGAGCAGGAGACAT 1

RESULT 305
US-10-861-060-104/c
; Sequence 104, Application US/10861060
; GENERAL INFORMATION:
; APPLICANT: MsWiggen, James
; APPLICANT: Heberli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 104
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-104
```

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 309 TTGCAGCAGCAGTGGCTT 327
|||||
Db 19 TTGCAGCAGCAGTGGCTT 1

RESULT 306
US-10-861-060-105/c
; Sequence 105, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 105
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-105

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 327 TTGTCAAAAAGACAGCTT 345
|||||
Db 19 TTGTCAAAAAGACAGCTT 1

RESULT 307
US-10-861-060-106/c
; Sequence 106, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US 10/698311

; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 106
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-106

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 345 TGGCGAAGATGAAGAAG 363
|||||
Db 19 TGGCGAAGATGAAGAAG 1

RESULT 308
US-10-861-060-107/c
; Sequence 107, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311

```

; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 107
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-107

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      363 GAGCCCCAGAGAGGAAT 381
Db      19 GAGCCCCAGAGAGGAAT 1

RESULT 309
US-10-861-060-108/c
; Sequence 108, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 108
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-108

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      381 TTCTGGAAGATATGCTGT 399
```

```

Db      19 TTCTGGAAGATATGCTGT 1

RESULT 310
US-10-861-060-109/c
; Sequence 109, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 109
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-109

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      399 TGGATCCTGACATGAGGC 417
Db      19 TGGATCCTGACATGAGGC 1

RESULT 311
US-10-861-060-110/c
; Sequence 110, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
```

```

; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR FILING DATE: 2004-01-14
; PRIOR FILING DATE: 2004-01-14
; PRIOR FILING DATE: 2003-11-24
; PRIOR FILING DATE: 2003-11-24
; PRIOR FILING DATE: 2003-10-23
; PRIOR FILING DATE: 2003-05-23
; PRIOR FILING DATE: 2003-05-23
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 110
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-110

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      417 CTTATGAATGCTTCTGA 435
DB      19 CTTATGAATGCTTCTGA 1

RESULT 312
US-10-861-060-111/c
; Sequence 111, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 111
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-111

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      435 AGAAGGATCAAGACTA 453
DB      19 AGAAGGATCAAGACTA 1

RESULT 313
US-10-861-060-112/c
; Sequence 112, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 112
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-112

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      453 ACGAAGCTGAAGCTTAAGA 471
DB      19 ACGAAGCTGAAGCTTAAGA 1
```

RESULT 314
US-10-861-060-113/c
; Sequence 113, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 113
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-113
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 471 AATATCTTGTCTCCAGT 489
DB 19 AATATCTTGTCTCCAGT 1
RESULT 315
US-10-861-060-114/c
; Sequence 114, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16

; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
QY 489 TTCTTGAGATCTGCTGAC 507
DB 19 TTCTTGAGATCTGCTGAC 1
RESULT 316
US-10-861-060-115/c
; Sequence 115, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3

```
/ SEQ ID NO 115
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-115
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 507 CAGATGTTCCATCCTGTAC 525
Db 19 CAGATGTTCCATCCTGTAC 1
```

RESULT 317

US-10-861-060-116/C

```
/ Sequence 116, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowwita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBH04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 116
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-116
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 525 CAAGTCTCAGTTCATG 543
Db 19 CAAGTCTCAGTTCATG 1
```

RESULT 318

US-10-861-060-117/C

```
/ Sequence 117, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowwita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBH04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 117
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-117
```

```
Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 543 GTGCCAGTCATGACATTT 561
Db 19 GTGCCAGTCATGACATTT 1
```

RESULT 319

US-10-861-060-118/C

```
/ Sequence 118, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowwita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBH04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
```

Query Match	1.2%	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches 19; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

RESULT 320
US-10-861-060-119/c

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
;
; OS-10-861-060-119

```

Query Match	1.2%;	Score 19;	DB 1;	Length 19;
Best Local Similarity	100.0%;	Pred. No. 2e+02;		
Matches 19;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY		579	G T A T C T C G A G T C T T C C A T	597
Db		19	G T A T C T C G A G T C T T C C A T	1

RESULT 321
US-10-861-060-120/c
; Sequence 120, Application US/10861060
; Publication No. US20050137155A1

/ APPLICANT: Sirna Therapeutics, Inc.
 /
 / APPLICANT: McSwiggen, James
 /
 / APPLICANT: Haebertl, Peter
 /
 / APPLICANT: Chowrira, Bharat
 /
 / TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
 / TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

```

; FILE REFERENCE: 400/162 (MBBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/696,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 120
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-861-060-120

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 2e+02;
Matches    19; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

QY      597 TCAGCAGTGATTGAAGTAT 615
        |||||
Db       19 TCAGCAGTGATTGAAGTAT 1

RESULT 322
US-10-861-060-121/c
; Sequence 121, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowkira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 121
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-861-060-121

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      615 TCTGTACTGCCCCCAGTC 633
DB      19 TCTGTACTGCCCCCAGTC 1

RESULT 323
; Sequence 122, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowkira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 123
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
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; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 122
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-861-060-122

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      633 CAGCATTTGGTGCTTCCC 651
DB      19 CAGCATTTGGTGCTTCCC 1

RESULT 324
; Sequence 123, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowkira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 123
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```


US-10-861-060-123

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 651 CTTGCTGAGGATGATAC 669
DB 19 CTTGCTGAGGATGATAC 1

RESULT 325

US-10-861-060-124/c
; Sequence 124, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 124
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-124

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 669 CATGCTAGCAGGCTTTG 687
DB 19 CATGCTAGCAGGCTTTG 1

RESULT 326
US-10-861-060-125/c
; Sequence 125, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter

APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 125
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-125

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 687 GGTGCTGTGAGATTGTG 705
DB 19 GGTGCTGTGAGATTGTG 1

RESULT 327
US-10-861-060-126/c
; Sequence 126, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346


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FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 129
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-129

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      759 ATTCTAATCTCTACTAT 777
Db      19 ATTCTAATCTCTACTAT 1

RESULT 331
US-10-861-060-130/c
Sequence 130, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
```

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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 130
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-130

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      777 TTTTGTGCTGTTGTT 795
Db      19 TTTTGTGCTGTTGTT 1

RESULT 332
US-10-861-060-131/c
Sequence 131, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 131
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-131

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 134
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-134

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      849 TAATGATACGTCTTAAGAA 867
DB      19 TAATGATACGTCTTAAGAA 1

RESULT 336
US-10-861-060-135/c
; Sequence 135, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowlita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 135
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-135

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      867 ATATGACGTATTTGAAA 885
DB      19 ATATGACGTATTTGAAA 1
```

```
RESULT 337
US-10-861-060-136/c
; Sequence 136, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowlita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 136
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-136

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      885 ATTGTTAATATATATAT 903
DB      19 ATTGTTAATATATAT 1

RESULT 338
US-10-861-060-137/c
; Sequence 137, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowlita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
```

```
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 137
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-137

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      903 TACTTAAATAATGTGAGC 921
Db      19 TACTTAAATAATGTGAGC 1

RESULT 339
US-10-861-060-138/c
/ Sequence 138, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
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/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 138
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-138

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      921 CATGAACCTATGACCTAT 939
Db      19 CATGAACCTATGACCTAT 1

RESULT 340
US-10-861-060-139/c
/ Sequence 139, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 139
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-139

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      939 TAAATCTAAATGTGAAT 957
Db      19 TAAATCTAAATGTGAAT 1

RESULT 341
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```
US-10-861-060-140/c
; Sequence 140, Application US/10661060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 140
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-140
Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      957 TTTTACCATTTTGCATGT 975
DB      19 TTTTACCATTTTGCATGT 1

RESULT 342
US-10-861-060-141/c
; Sequence 141, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 142
; LENGTH: 19
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;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 141
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-141

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      975 TGTATTACTTGTGT 993
DB      19 TGTATTACTTGTGT 1

RESULT 343
US-10-861-060-142/c
; Sequence 142, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 142
; LENGTH: 19
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```
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-142

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      993 TTGTATATAATGCTGAGA 1011
      19 TTGTATATAATGCTGAGA 1

RESULT 344
US-10-861-060-143/c
/ Sequence 143, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 143
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-143

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1011 AATTAATAAATGCTAT 1029
      19 AATTAATAAATGCTAT 1

RESULT 345
US-10-861-060-144/c
/ Sequence 144, Application US/10861060
/ Publication No. US20050137155A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 144
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-144

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1029 TCTCATTCGAAAATATTT 1047
      19 TCTCATTCGAAAATATTT 1

RESULT 346
US-10-861-060-145/c
/ Sequence 145, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
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```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-146
;
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
;
; SEQ ID NO 145
;
; LENGTH: 19
;
; TYPE: RNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-145
;
; Query Match
; Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
; Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1047 TTATTTTATCCATCTCA 1065
; Db 19 TTATTTTATCCATCTCA 1
;
;
; RESULT 347
; US-10-861-060-146/c
; Sequence 146, Application US/10861060
; Publication No. US20050137155A1
;
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
;
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
;
; SEQ ID NO 146
;
; LENGTH: 19
;
; TYPE: RNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-146
;
; Query Match
; Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
; Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1065 ACTTAAATATAAATCA 1083
; Db 19 ACTTAAATATAAATCA 1
;
;
; RESULT 348
; US-10-861-060-147/c
; Sequence 147, Application US/10861060
; Publication No. US20050137155A1
;
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
;
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
;
; SEQ ID NO 147
;
; LENGTH: 19
;
; TYPE: RNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-147
;
; Query Match
; Best Local Similarity 1.2%; Score 19; DB 1; Length 19;
; Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1083 ATGCTTATAGCAATCA 1101
; Db 19 ATGCTTATAGCAATCA 1
;
;
; RESULT 349
; US-10-861-060-148/c
; Sequence 148, Application US/10861060
; Publication No. US20050137155A1
;
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
;
; FEATURE:
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; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 148
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-148

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1101 AATTGAAGACTGACACAA 1119
Db      19 AATTGAAGACTGACACAA 1

RESULT 350
US-10-861-060-149/c
; Sequence 149, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-150
```

```

; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 149
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-149

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1119 AGGACAAAATATTAAGTT 1137
Db      19 AGGACAAAATATTAAGTT 1

RESULT 351
US-10-861-060-150/c
; Sequence 150, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-150
```



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; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 153
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-153

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1191 CATTACCTGACCTGGA 1209
Db      19 CATTACCTGACCTGGA 1

RESULT 355
US-10-861-060-154/c
; Sequence 154, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 154
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-154

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      1209 AATTCCCTGAGCAACT 1227
Db      19 AATTCCCTGAGCAACT 1

RESULT 356
US-10-861-060-155/c
; Sequence 155, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 155
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-155

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1227 TGCCAGAGTGTTTGG 1245
Db      19 TGCCAGAGTGTTTGG 1

RESULT 357
US-10-861-060-156/c
; Sequence 156, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
```

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; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 156
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-156

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1245 GTATGCACTGGTCTCTTAA 1263
Db      19 GTATGCACTGGTCTCTTAA 1

RESULT 358
US-10-861-060-157/c
; Sequence 157, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 157
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-158
```

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; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 157
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-157

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1263 AGTGGCTGTGATTATTTAT 1281
Db      19 AGTGGCTGTGATTATTTAT 1

RESULT 359
US-10-861-060-158/c
; Sequence 158, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 158
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-158

QY      1281 TTGAAGTGGGGGTGAA 1299
Db      19 TTGAAGTGGGGGTGAA 1299
```

Db 19 TTGAAGTGGGTGTGAA 1

RESULT 360
US-10-861-060-159/c
; Sequence 159, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 159
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-159

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1299 AGACCCCACTACTATTGT 1317
Db 19 AGACCCCACTACTATTGT 1

RESULT 361
US-10-861-060-160/c
; Sequence 160, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 160
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-160

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1317 TAGAGTGTCTATTCTCC 1335
Db 19 TAGAGTGTCTATTCTCC 1

RESULT 362
US-10-861-060-161/c
; Sequence 161, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 161
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-161

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1335 CCTTCATCCTGTCATGT 1353
DB 19 CCTTCATCCTGTCATGT 1

RESULT 363

US-10-861-060-162/c
Sequence 162, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 162
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-162

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1353 TTTCCTTATGTTTGG 1371
DB 19 TTTCCTTATGTTTGG 1

RESULT 364

US-10-861-060-163/c
Sequence 163, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 163
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-163

Query Match 1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1371 GGGAACTGTTTGTATGT 1389
DB 19 GGGAACTGTTTGTATGT 1

RESULT 365

US-10-861-060-164/c
Sequence 164, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803

```

; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 164
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-164
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      1389 TGTATGTTTAAATTTGT 1407
Db      19 TGTATGTTTAAATTTGT 1
```

```

RESULT 366
US-10-861-060-165/c
; Sequence 165, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 165
```

```

; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-165
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      1407 TTATACATTTTAAATTTGAG 1425
Db      19 TTATACATTTTAAATTTGAG 1
```

```

RESULT 367
US-10-861-060-166/c
; Sequence 166, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 166
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-166
```

```

Query Match      1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      1425 GCCTTTTAACTATAT 1443
Db      19 GCCTTTTAACTATAT 1
```

```

RESULT 368
US-10-861-060-167/c
; Sequence 167, Application US/10861060
```



```
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 167
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-167

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1443 TTGTTATTTTGTCTCGAA 1461
DB      19 TTGTTATTTTGTCTCGAA 1

RESULT 369
US-10-861-060-168/c
; Sequence 168, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
```

```
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 168
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-168

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1461 AATAATTTTATGTTAATA 1479
DB      19 AATAATTTTATGTTAATA 1

RESULT 370
US-10-861-060-169/c
; Sequence 169, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 169
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: s1NA antisense region
US-10-861-060-169

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1479 ATCTATTTGCTGATATT 1497
      |||||
Db      19  ATCTATTTGCTGATATT 1

RESULT 371
US-10-861-060-170/c
/ Sequence 170, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 170
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: s1NA antisense region
US-10-861-060-170

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1497 TGGTGAATGCTGTACTT 1515
      |||||
Db      19  TGGTGAATGCTGTACTT 1

RESULT 372
US-10-861-060-171/c
/ Sequence 171, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
```

```
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 171
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: s1NA antisense region
US-10-861-060-171

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1515 TTCTGACATTAATTAATA 1533
      |||||
Db      19  TTCTGACATTAATTAATA 1

RESULT 373
US-10-861-060-172/c
/ Sequence 172, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeberli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
```

```
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 172
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-172

Query Match          1.2%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1523 AATTAATATATTCGACCA 1541
Db      19  AATTAATATATTCGACCA 1

RESULT 374
US-10-698-311-253
; Sequence 253, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 253
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc_feature
```

```
; LOCATION: (20)..(21)
; OTHER INFORMATION: n strands for thymidine
US-10-698-311-253

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy      391 TATGCTGTGATCTGAC 409
Db      1  VAUGCCTUCGAGGAGG 19

RESULT 375
US-10-698-311-254
; Sequence 254, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 254
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n strands for thymidine
US-10-698-311-254

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      424 AATGCTTCTGAGGAGG 442
Db      1  AAGCCCTUCGAGGAGG 19

RESULT 376
US-10-698-311-255
; Sequence 255, Application US/10698311
```

```
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 255
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ NAME/KEY: misc feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-698-311-255

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy      675  ACACGGCTCTTGTGTGCT 693
Db      1    ACACGGGCUUUGUGUCU 19

RESULT 377
US-10-698-311-256
/ Sequence 256, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
```

```
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 256
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ NAME/KEY: misc feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-698-311-256

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy      1337 TTCATCTGTCAATGTT 1355
Db      1    UUCAUCCUGUCAUGUUU 19

RESULT 378
US-10-698-311-257/c
/ Sequence 257, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
```

```
SOFTWARE: PatentIn version 3.2
SEQ ID NO 257
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-257
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      391 TATGCTGTGATCCTGAC 409
Db      19 TATGCTGTGATCCTGAC 1
```

```
RESULT 379
US-10-698-311-258/c
Sequence 258, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 258
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-258
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      424 AATGCTTCTGAGGAGG 442
Db      19 AATGCTTCTGAGGAGG 1
```

```
RESULT 380
US-10-698-311-259/c
Sequence 259, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 259
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-259
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      675 AGCAGGCTCTTGTGCT 693
Db      19 AGCAGGCTCTTGTGCT 1
```

```
RESULT 381
US-10-698-311-260/c
Sequence 260, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 260
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-698-311-260

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1337 TTCATCCTGTCATGTTT 1355
Db 19 TTCATCCTGTCATGTTT 1

RESULT 382
US-10-698-311-261
/ Sequence 261, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
```

```
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 261
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (19)..(19)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-698-311-261

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred.No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 391 TATGCTGTGATCCTGAC 409
Db 1 UAGCCUGUGAGUCCUGAC 19

RESULT 383
US-10-698-311-262
/ Sequence 262, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 262
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(10)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: n is a, c, g, or u
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-262

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTTCTGAGGAGG 442
DB 1 AAUUGCCUUCUGAGGAGG 19

RESULT 384
US-10-698-311-263
; Sequence 263, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MGSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 263
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-263

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 675 AGCAGGCTCTTGTGCT 693
DB 1 AGCAGGCTCTTGTGCT 19
```

```
RESULT 385
US-10-698-311-264
; Sequence 264, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 264
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
```

```
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-698-311-264
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
QY 1337 TTCATCCGTCATGTTT 1355
DB 1 UUCAUCCUGCAUGUUU 19
RESULT 386
US-10-698-311-265/C
; Sequence 265, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 265
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(10)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
```



```
NAME/KEY: misc feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
US-10-698-311-265
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      391 TATGCTGTGATCTGAC 409
Db      19 TATGCTGTGATCTGAC 1
```

```
RESULT 387
US-10-698-311-266/c
Sequence 266, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 266
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
```

```
NAME/KEY: misc feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
US-10-698-311-266
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTTCTGAGGAGG 442
Db      19 AATGCTTCTGAGGAGG 1
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RESULT 388
US-10-698-311-267/c
Sequence 267, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 267
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
```

```
/ NAME/KEY: misc_feature
/ LOCATION: (7)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorochioate 3'-internucleotide linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-698-311-267
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 675 AGCAGGCTCTTGTGTGCT 693
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```
DB 19 AGCAGGCTCTTGTGTGCT 1
```

```
RESULT 389
```

```
US-10-698-311-268/c
/ Sequence 268, Application US/10698311
/ Publication No. US20040219671A1
```

```
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Sirna Therapeutics, Inc.
```

```
/ APPLICANT: MCSwigen, James
```

```
/ APPLICANT: Haebertl, Peter
```

```
/ APPLICANT: Chowhira, Bharat
```

```
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
```

```
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
```

```
/ CURRENT APPLICATION NUMBER: US/10/698,311
```

```
/ PRIOR FILING DATE: 2003-10-31
```

```
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
```

```
/ PRIOR FILING DATE: 2003-02-20
```

```
/ PRIOR APPLICATION NUMBER: US 60/358,580
```

```
/ PRIOR FILING DATE: 2002-02-20
```

```
/ PRIOR APPLICATION NUMBER: US 60/363,124
```

```
/ PRIOR FILING DATE: 2002-03-11
```

```
/ PRIOR APPLICATION NUMBER: US 60/386,782
```

```
/ PRIOR FILING DATE: 2002-06-06
```

```
/ PRIOR APPLICATION NUMBER: US 60/393,796
```

```
/ PRIOR FILING DATE: 2002-07-03
```

```
/ PRIOR APPLICATION NUMBER: 60/399,348
```

```
/ PRIOR FILING DATE: 2002-07-29
```

```
/ PRIOR APPLICATION NUMBER: US 60/406,784
```

```
/ PRIOR FILING DATE: 2002-08-29
```

```
/ PRIOR APPLICATION NUMBER: US 60/408,378
```

```
/ PRIOR FILING DATE: 2002-09-05
```

```
/ PRIOR APPLICATION NUMBER: US 60/409,293
```

```
/ PRIOR FILING DATE: 2002-09-09
```

```
/ PRIOR APPLICATION NUMBER: US 60/440,129
```

```
/ PRIOR FILING DATE: 2003-01-15
```

```
/ NUMBER OF SEQ ID NOS: 310
```

```
/ SOFTWARE: PatentIn version 3.2
```

```
/ SEQ ID NO 268
```

```
/ LENGTH: 21
```

```
/ TYPE: RNA
```

```
/ ORGANISM: Artificial Sequence
```

```
/ FEATURE:
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```
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```

```
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorochioate 3'-internucleotide linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-698-311-268
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1337 TTCATCTGTCATGTTT 1355
```

```
DB 19 TTCATCTGTCATGTTT 1
```

```
RESULT 390
```

```
US-10-698-311-269
```

```
/ Sequence 269, Application US/10698311
```

```
/ Publication No. US20040219671A1
```

```
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Sirna Therapeutics, Inc.
```

```
/ APPLICANT: MCSwigen, James
```

```
/ APPLICANT: Haebertl, Peter
```

```
/ APPLICANT: Chowhira, Bharat
```

```
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
```

```
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
```

```
/ CURRENT APPLICATION NUMBER: US/10/698,311
```

```
/ PRIOR FILING DATE: 2003-10-31
```

```
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
```

```
/ PRIOR FILING DATE: 2003-02-20
```

```
/ PRIOR APPLICATION NUMBER: US 60/358,580
```

```
/ PRIOR FILING DATE: 2002-02-20
```

```
/ PRIOR APPLICATION NUMBER: US 60/363,124
```

```
/ PRIOR FILING DATE: 2002-03-11
```

```
/ PRIOR APPLICATION NUMBER: US 60/386,782
```

```
/ PRIOR FILING DATE: 2002-06-06
```

```
/ PRIOR APPLICATION NUMBER: US 60/393,796
```

```
/ PRIOR FILING DATE: 2002-07-03
```

```
/ PRIOR APPLICATION NUMBER: 60/399,348
```

```
/ PRIOR FILING DATE: 2002-07-29
```

```
/ PRIOR APPLICATION NUMBER: US 60/406,784
```

```
/ PRIOR FILING DATE: 2002-08-29
```

```
/ PRIOR APPLICATION NUMBER: US 60/408,378
```

```
/ PRIOR FILING DATE: 2002-09-05
```

```
/ PRIOR APPLICATION NUMBER: US 60/409,293
```

```
/ PRIOR FILING DATE: 2002-09-09
```

```
/ PRIOR APPLICATION NUMBER: US 60/440,129
```

```
/ PRIOR FILING DATE: 2003-01-15
```

```
/ NUMBER OF SEQ ID NOS: 310
```

```
/ SOFTWARE: PatentIn version 3.2
```

```
/ SEQ ID NO 269
```

```
/ LENGTH: 21
```

```
/ TYPE: RNA
```



```
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-270

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY          424 AATGCTTGTGAGGAGG 442
             |||::|||::|||
Db          1 AAUGCCUUCUGAGGAGG 19

RESULT 392
US-10-698-311-271
/ Sequence 271, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 271
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: sRNA sense region
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(2)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(7)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
```

```
/ LOCATION: (8)..(12)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(13)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (14)..(14)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(15)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(17)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-271

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY          675 AGCAGGCTTTGTGCT 693
             |||::|||::|||
Db          1 AGCAGGUCUUGUGUGCU 19

RESULT 393
US-10-698-311-272
/ Sequence 272, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
```



```
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorochioate 3'-Internucleotide linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-273
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 391 TATGCTGTGATCCTGC 409
DB 19 TATGCTGTGATCCTGC 1
```

```
RESULT 395
US-10-698-311-274/c
; Sequence 274, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 274
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: phosphorochioate 3'-Internucleotide linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-274
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 424 AATGCTTCTGAGGAGG 442
DB 19 AATGCTTCTGAGGAGG 1
```

```
RESULT 396
US-10-698-311-275/c
; Sequence 275, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
```

```

; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(2)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(12)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n strands for thymidine
US-10-698-311-275

Query Match      1.2%; Score 19; DB 1; Length 21;
Best local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTCTTGAGTCT 693
DB      19 AGCAGGCTCTTGAGTCT 1

RESULT 397
US-10-698-311-276/c
; Sequence 276, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHD03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2003-10-31
; PRIOR FILING DATE: 2003-02-20
; PRIOR FILING DATE: 2003-02-20
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2002-03-11
; PRIOR FILING DATE: 2002-03-11
; PRIOR FILING DATE: 2002-06-06
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2002-08-29
; PRIOR FILING DATE: 2002-09-05
; PRIOR FILING DATE: 2002-09-05
; PRIOR FILING DATE: 2002-09-09
; PRIOR FILING DATE: 2002-09-09
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 276
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(3)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(14)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(19)
; OTHER INFORMATION: 2'-deoxy
```

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-276

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCAATCCTGTCATGTTT 1355
Db      19 TTCATCTCGTCAATCTTT 1

RESULT 398
US-10-698-311-277
; Sequence 277, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 277
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirta sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyribose moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
```

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyribose moiety
US-10-698-311-277
```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      391 TATGCTGTGATCCTGAC 409
Db      1 UAGGCTGGGAGGACGAC 19
```

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RESULT 399
US-10-698-311-278
; Sequence 278, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 278
; LENGTH: 21
```



```

: TYPE: RNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(1)
: OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(2)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (3)..(3)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (4)..(4)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (5)..(10)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (11)..(19)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (20)..(21)
: OTHER INFORMATION: n stands for thymidine
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (21)..(21)
: OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-278

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTTCTGAGGAGG 442
      ||:||||:|||||||
Db       1 AAGCCUUCUGAGGAGG 19

RESULT 400
US-10-698-311-279
: Sequence 279, Application US/10698311
: Publication No. US20040219671A1
: GENERAL INFORMATION:
: APPLICANT: Sirna Therapeutics, Inc.
: APPLICANT: McSwigen, James
: APPLICANT: Haeblerli, Peter
: APPLICANT: Chowrita, Bharat
: TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
: FILE REFERENCE: 400/137 (MBHD03-198-A)
: CURRENT APPLICATION NUMBER: US/10/698,311
: PRIOR APPLICATION NUMBER: PCT/US03/05028
: PRIOR FILING DATE: 2003-02-20
: PRIOR APPLICATION NUMBER: US 60/358,580
: PRIOR FILING DATE: 2002-02-20
: PRIOR APPLICATION NUMBER: US 60/363,124
: PRIOR FILING DATE: 2002-03-11
: PRIOR APPLICATION NUMBER: US 60/386,782
: PRIOR FILING DATE: 2002-06-06
: PRIOR APPLICATION NUMBER: US 60/393,796
: PRIOR FILING DATE: 2002-07-03
: PRIOR APPLICATION NUMBER: 60/399,348
: PRIOR FILING DATE: 2002-07-29
```

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: PRIOR APPLICATION NUMBER: US 60/406,784
: PRIOR FILING DATE: 2002-08-29
: PRIOR APPLICATION NUMBER: US 60/408,378
: PRIOR FILING DATE: 2002-09-05
: PRIOR APPLICATION NUMBER: US 60/409,293
: PRIOR FILING DATE: 2002-09-09
: PRIOR APPLICATION NUMBER: US 60/440,129
: PRIOR FILING DATE: 2003-01-15
: NUMBER OF SEQ ID NOS: 310
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 279
: LENGTH: 21
: TYPE: RNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(1)
: OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(2)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (4)..(7)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (8)..(12)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (13)..(13)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (14)..(14)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (15)..(15)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (16)..(16)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (17)..(17)
: OTHER INFORMATION: 2'-O-methyl
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (18)..(19)
: OTHER INFORMATION: 2'-deoxy-2'-fluoro
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (20)..(21)
: OTHER INFORMATION: n stands for thymidine
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (21)..(21)
: OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
: OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-279

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
```

QY 675 AGCAGGCTTGTGTGCT 693
|||||:|::|:|:|:
Db 1 AGCAGGCTTGTGTGCT 19

RESULT 401

US-10-698-311-280

/ Sequence 280, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 280
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(5)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(9)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-O-methyl
/ NAME/KEY: misc_feature
/ LOCATION: (11)..(12)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:

/ NAME/KEY: misc_feature
/ LOCATION: (13)..(14)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(15)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(16)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
/ US-10-698-311-280

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1337 TTCATCTGTCAATGTT 1355

Db 1 UUCAUCUGUCAUGUUU 19

RESULT 402

US-10-698-311-281/c

/ Sequence 281, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310

```
SOFTWARE: PatentIn version 3.2
; SEQ ID NO 281
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(15)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-281

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 391 TATGCTGTGATCTGAC 409
Db 19 TATGCTGTGATCTGAC 1
```

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RESULT 403
US-10-698-311-282/C
; Sequence 282, Application US/10698311
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Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haerberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHD03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
; SEQ ID NO 282
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(15)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-282

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-284

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCATCCTGTCATGTTT 1355
DB      19  TTCATCCTGTCATGTTT 1

RESULT 406
US-10-698-311-285
Sequence 285, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowfira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
```

```
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 285
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxybasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3' attached terminal deoxybasic moiety
US-10-698-311-285

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      391 TATGCTGTGATCGTAC 409
DB      1  UAGGCCUGGACUCCUGAC 19

RESULT 407
US-10-698-311-286
Sequence 286, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowfira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
```

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; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 286
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
; US-10-698-311-286
```

```

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      424 AATGCTTGTGAGGAGG 442
Db      1 AAUGCCUUCUGAGGAGG 19
```

```

RESULT 408
US-10-698-311-287
; Sequence 287, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: MscWigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
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```

; SEQ ID NO 287
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
; US-10-698-311-287
```

```

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
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```
QY      675 AGCAGGCTTGTGCTGCT 693
Db      1 AGCAGGCTUUGUGUGCU 19
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```

RESULT 409
US-10-698-311-288
; Sequence 288, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MscWigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 288
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
```

```
LOCATION: (1)-(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)-(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-698-311-288
```

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1337 TTCAATCCTGTGATCTT 1355
Db 1 UUCAUCCUGUCAUGUU 19

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RESULT 410
US-10-698-311-289/c
Sequence 289, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEBH03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 289
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-289
```

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 391 TATGCTGTGATCTGAC 409
Db 19 TATGCTGTGATCTGAC 1

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RESULT 411
US-10-698-311-290/c
Sequence 290, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MEBH03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 290
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-290

Query Match 1.2%; Score 19; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTTGTGAGGAGG 442  
Db 19 AATGCTTGTGAGGAGG 1



```
RESULT 412
US-10-698-311-291/c
Sequence 291, Application US/10698311
```


```

```
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: PCT/US03/05028
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 291
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
/ US-10-698-311-291

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTCTTGTGCT 693
DB      19 AGCAGGCTCTTGTGCT 1

RESULT 413
US-10-698-311-292/C
/ Sequence 292, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: PCT/US03/05028
```

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/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 292
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ US-10-698-311-292

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCAATCTGTCAATGTT 1355
DB      19 TTCAATCTGTCAATGTT 1

RESULT 414
US-10-861-060-253
/ Sequence 253, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
```



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; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 253
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-253

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      391 TATGCTGTGATGCTCTGAC 409
Db      1 UAUGCCUGGAGUCCUGAC 19

RESULT 415
US-10-861-060-254
; Sequence 254, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 254
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```

; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-254

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTTTGAGGAGG 442
Db      1 AAUGCCUUGAGGAGG 19

RESULT 416
US-10-861-060-255
; Sequence 255, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 255
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-255

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTCTTGATGCT 693
Db      1 AGCAGGCTCTTGATGCT 19
```

```
RESULT 417
US-10-861-060-256
; Sequence 256, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 256
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-256

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy 1337 TTCAATCCTGTCATGATGTT 1355
Db 1 TUCAAUCCUGCAUGUUU 19

RESULT 418
US-10-861-060-257/c
; Sequence 257, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US 10/861,060
; CURRENT FILING DATE: 2004-06-03
```

```
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 257
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-257

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 391 TATGCTGTGATCCTGAC 409
Db 19 TATGCTGTGATCCTGAC 1

RESULT 419
US-10-861-060-258/c
; Sequence 258, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US 10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
```

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; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 258
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-258

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTTCTGAGGAGG 442
Db      19 AATGCTTCTGAGGAGG 1

RESULT 420
US-10-861-060-259/c
; Sequence 259, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 259
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-259
```

```

; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-259

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTTTGTGTGCT 693
Db      19 AGCAGGCTTTGTGTGCT 1

RESULT 421
US-10-861-060-260/c
; Sequence 260, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 260
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-260

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCAATCTGTCAATGTTT 1355
Db      19 TTCAATCTGTCAATGTTT 1

RESULT 422
```

```
US-10-861-060-261
; Sequence 261, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 261
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirna sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
```

```
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-261
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
QY 391 TATGCTGTGATCCTGAC 409
DB 1 UAUCCUGUGAUCCTGAC 19
RESULT 423
US-10-861-060-262
; Sequence 262, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 262
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirna sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
```

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; LOCATION: (20)..(20)
; OTHER INFORMATION: n is a, c, g, or u
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxybasic moiety
US-10-861-060-262

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      424 AATGCTTGTGAGGAGG 442
Db      1 AATGCTTGTGAGGAGG 19

RESULT 424
; Sequence 263, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 263
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirna sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxybasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
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; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxybasic moiety
US-10-861-060-263

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy      675 AGCAGGGCTTGTGTGCT 693
Db      1 AGCAGGGCTTGTGTGCT 19

RESULT 425
; Sequence 264, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 264
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirna antisense region
```

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/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(9)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (11)..(12)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(15)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-264

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCAATCCTGTCATGTTT 1355
      ::|||::|||::|||::|||::
Db       1 UUCAUCCUGUCAUGUUU 19

RESULT 426
US-10-861-060-265/c
/ Sequence 265, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelil, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
```

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/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 265
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (8)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (12)..(12)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(18)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-861-060-265

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      391 TATGCTGTGATCCTGAC 409
      |||||
Db       19 TATGCTGTGATCCTGAC 1

RESULT 427
US-10-861-060-266/c
/ Sequence 266, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelil, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
```

```
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 266
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-266
```

```
Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 424 AATGCTTCTGAGGAGG 442

DB 19 AATGCTTCTGAGGAGG 1

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RESULT 428
US-10-861-060-267/c
; Sequence 267, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
```

```
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 267
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-267
```

```
Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 675 AGCAGGCTTGTGTGCT 693

DB 19 AGCAGGCTTGTGTGCT 1

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RESULT 429
US-10-861-060-268/c
; Sequence 268, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
```

```
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 268
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ US-10-861-060-268

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1337 TTCATCTGTCAATGTTT 1355
Db 19 TTCATCTGTCAATGTTT 1
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RESULT 430
US-10-861-060-269
; Sequence 269, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```

```
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowdria, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 269
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (8)..(8)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(12)
/ OTHER INFORMATION: 2'-deoxy
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxybasic moiety
US-10-861-060-269

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy      391 TATGCTGTGATCCTGAC 409
Db      1 UAUGCUCUGAGUCCUGAC 19

RESULT 431
US-10-861-060-270
; Sequence 270; Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 270
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxybasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxybasic moiety
US-10-861-060-270

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      424 AATGCTTGTGAGGAGGG 442
Db      1 AAUGCUCUGAGGAGGAGG 19

RESULT 432
US-10-861-060-271
; Sequence 271; Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
```

PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 271
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-271

Query Match 1.2%; Score 19; DB 1; Length 21;

Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
Qy 675 AGCAGGCTTTGTGTGCT 693
Db 1 AGCAGGCTTUGUGUGCU 19
RESULT 433
US-10-861-060-272
Sequence 272, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sina Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 272
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(5)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature

```
LOCATION: (11)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-272
```

```
Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 1337 TTCAATCCTGTGATGTTT 1355
DB 1 UUCAUCCUGUCAUGUUU 19
```

```
RESULT 434
US-10-861-060-273/c
Sequence 273, Application US/10861060
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
```

```
SOFTWARE: PatentIn version 3.3
SEQ ID NO 273
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-861-060-273
```

```
Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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OY 391 TATGCTGTGATCCTGAC 409
DB 19 TATGCTGTGATCCTGAC 1
```

```
RESULT 435
US-10-861-060-274/c
Sequence 274, Application US/10861060
```

```
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowhira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIORITY FILING DATE: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2004-04-16
PRIORITY FILING DATE: 2004-04-16
PRIORITY FILING DATE: 2003-11-24
PRIORITY FILING DATE: 2003-11-24
PRIORITY FILING DATE: 2003-10-23
PRIORITY FILING DATE: 2003-10-23
PRIORITY FILING DATE: 2003-05-23
PRIORITY FILING DATE: 2003-05-23
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 274
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirna antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)-(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)-(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)-(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)-(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)-(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(20)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(20)
OTHER INFORMATION: phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)-(21)
OTHER INFORMATION: n stands for thymidine
US-10-861-060-274
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 424 AATGCTTCTGAGGAGG 442
Db 19 AATGCTTCTGAGGAGG 1
RESULT 436
US-10-861-060-275/c
Sequence 275, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowhira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIORITY FILING DATE: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2004-04-16
PRIORITY FILING DATE: 2004-04-16
PRIORITY FILING DATE: 2003-11-24
PRIORITY FILING DATE: 2003-11-24
PRIORITY FILING DATE: 2003-10-23
PRIORITY FILING DATE: 2003-10-23
PRIORITY FILING DATE: 2003-05-23
PRIORITY FILING DATE: 2003-05-23
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-02-20
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2003-10-31
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 275
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirna antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)-(2)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)-(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)-(4)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)-(5)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)-(6)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)-(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorochioate 3'-internucleotide linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-861-060-275
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 675 AGCAGGCTCTTGTGTGCT 693
DB 19 AGCAGGCTCTTGTGTGCT 1
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RESULT 437
US-10-861-060-276/c
Sequence 276, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 276
```

```
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirna antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorochioate 3'-internucleotide linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-861-060-276
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1337 TTCATCTCTGTAAGTTT 1355
DB 19 TTCATCTCTGTAAGTTT 1
```

```
RESULT 438
US-10-861-060-277
Sequence 277, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
```

CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 277
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-277

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 391 TATGCTGTGATCCTGAC 409

Db :|||||:|||||:|||||
1 UAUGCCUGAUCCTGAC 19
RESULT 439
US-10-861-060-278
Sequence 278, Application US/10661060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 278
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature

```
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-278

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTTCTGAGGAGG 442
      |||:::|||
Db      1 AAGCCUUCUGAGGAGG 19

RESULT 440
US-10-861-060-279
Sequence 279, Application US/10861060
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 279
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirna sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
```

```
NAME/KEY: misc_feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-279

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTTGTGTGCT 693
      |||:::|||
Db      1 AGCAGGCTTGTGTGCT 19

RESULT 441
US-10-861-060-280
Sequence 280, Application US/10861060
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/861,060
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
```

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 280
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(5)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-280

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
QY 1337 TTCATCTCTGCATGTTT 1355
DB 1 UUCAUCCUGCAUGUUU 19
RESULT 442
US-10-861-060-281/c
Sequence 281, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggan, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowhira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 281
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-O-methyl


```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-281

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 282
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-282

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      391 TATGCTGTGATCCTGAC 409
Db      19 TATGCTGTGATCCTGAC 1

RESULT 443
US-10-861-060-282/c
; Sequence 282, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
```

/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 283
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE: Description of Artificial Sequence: siNA antisense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(2)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (3)..(3)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(6)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (7)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (8)..(12)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(17)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorochioate 3'-Internucleotide Linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
US-10-861-060-283

Query Match 1.2%; Score 19; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 675 AGCAGGCTCTGTGTGCT 693
Db 19 AGCAGGCTCTGTGTGCT 1

RESULT 445
US-10-861-060-284/c
/ Sequence 284, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haedertl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 284
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE: Description of Artificial Sequence: siNA antisense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(3)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (8)..(9)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature

```
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-861-060-284
```

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1337 TTCATCCTGTCATGTTT 1355
Db 19 TTCATCCTGTCATGTTT 1

```
RESULT 446
US-10-861-060-285
Sequence 285, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 285
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
```

```
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-285
```

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 391 TATGCTGTGATCCTGAC 409
Db 1 UAGCCUGUGAUCCTGAC 19

```
RESULT 447
US-10-861-060-286
Sequence 286, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MEH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 286
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
```

```

; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3-3 attached terminal deoxybasic moiety
US-10-861-060-286

```

Query Match	1.2%;	Score 19;	DB 1;	Length 21;
Best Local Similarity	78.9%;	Pred. No. 1.8e+02;		
Matches 15;	Conservative 4;	Mismatches 0;	Indels 0;	Gaps 0;

```
QY      424 AATGCCCTTCTGAGGAAGG 442
      ||:||:||:||:|||||
Db      1  AAUGCCUUCUGAGGAAGG 19
```

RESULT 448
US-10-861-060-287

Sequence 287, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

Query Match	1.28; Score 19; DB 1; Length 21;
-------------	----------------------------------

Best Local Similarity	63.2%	Pred. No. 1.8e+02			
Matches	12	Conservative	7	Mismatches	0
				Indels	0
				Gaps	0
Qy	675	AGCAGGCTTTTGTCCT	693		
		::: : :			
Db	1	AGCAGGCTTUUUGUGUCU	19		

RESULT 449
US-10-861-060-288

Sequence 288, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using Short Interfering Nucleic Acid (siRNA)

Query Match	1.2%	Score 19;	DB 1;	Length 21;
Best Local Similarity	52.6%	Pred. No. 1.8e+02;		
Matches	10;	Conservative	9;	Mismatches 0;
				Indels 0;
				Gaps 0;
QY	1337	TTCAATCTGTGCATGTT	1355	
		::::: ::: ::: ::: :::		
Db	1	TUCAUCCUGCAUUGUUU	19	


```
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 291
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
/ US-10-861-060-291
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 675 AGCAGGCTTTGTGTGCT 693

Db 19 AGCAGGCTTTGTGTGCT 1

```
RESULT 453
US-10-861-060-292/c
/ Sequence 292, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
```

```
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 292
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ US-10-861-060-292
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1337 TTCATCCTGTCAATGTT 1355

Db 19 TTCATCCTGTCAATGTT 1

```
RESULT 454
US-10-861-060-293
/ Sequence 293, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 293
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
```

```
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-293

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTTGTGTGCT 693
Db      1 AGCAGGCTTGTGTGCT 19

RESULT 455
US-10-861-060-294
; Sequence 294, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```
;; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
;; FILE REFERENCE: 400/162 (MBH04-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; CURRENT FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 294
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(5)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy
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/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-294

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.8e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

Qy      694 GTGATTGTGGCTTCAA 712
Db      1 GUGGAAUUUGGCGCUCUCAA 19

RESULT 456
US-10-861-060-295
; Sequence 295, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 295
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sirna sense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; NAME/KEY: misc_feature
; LOCATION: (2)..(4)
```

```
/
/ OTHER INFORMATION: 2'-deoxy
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(8)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (9)..(9)
/ OTHER INFORMATION: 2'-deoxy
/
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/
/ NAME/KEY: misc_feature
/ LOCATION: (11)..(12)
/ OTHER INFORMATION: 2'-deoxy
/
/ NAME/KEY: misc_feature
/ LOCATION: (13)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(18)
/ OTHER INFORMATION: 2'-deoxy
/
/ NAME/KEY: misc_feature
/ LOCATION: (19)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-295

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy      695 TGGATTGTGGCTTCAAT 713
Db      1 UGGAUUUUGGCGCUCUCAA 19

RESULT 457
US-10-861-060-296
; Sequence 296, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
```



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PRIORITY FILING DATE: 2003-05-23
PRIORITY APPLICATION NUMBER: PCT/US03/05346
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 10/698311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US04/13456
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 296
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: sRNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(5)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-296

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0.

```

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Db          1   UCSCAUCUCGCAUGUUU_19
      :|||||::|||::|||:
RESULT 458
US-10-861-060-297/c
Sequence 297, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 297
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(4)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature

```

```
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-297
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```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy 325 CTTTGCAAAAGACCAG 343
Db 19 CTTTGCAAAAGACCAG 1
```

RESULT 459

US-10-861-060-298/c

Sequence 298, Application US/10861060

Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sina Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Haeblerli, Peter

APPLICANT: Chowrira, Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT APPLICATION NUMBER: US/10/861,060

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 10/698311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US04/13456

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 374

SOFTWARE: PatentIn version 3.3

SEQ ID NO 298

LENGTH: 21

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(2)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (3)..(6)

OTHER INFORMATION: 2'-deoxy

FEATURE:

NAME/KEY: misc_feature

LOCATION: (7)..(9)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (10)..(10)

OTHER INFORMATION: 2'-deoxy

FEATURE:

NAME/KEY: misc_feature

LOCATION: (11)..(11)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (12)..(14)

OTHER INFORMATION: 2'-deoxy

FEATURE:

NAME/KEY: misc_feature

LOCATION: (15)..(15)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (16)..(16)

OTHER INFORMATION: 2'-deoxy

FEATURE:

NAME/KEY: misc_feature

LOCATION: (18)..(18)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (19)..(19)

OTHER INFORMATION: 2'-deoxy

FEATURE:

NAME/KEY: misc_feature

LOCATION: (19)..(19)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc_feature

LOCATION: (20)..(21)

OTHER INFORMATION: n stands for thymidine

FEATURE:

NAME/KEY: misc_feature

LOCATION: (20)..(20)

OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage

US-10-861-060-298

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy 390 ATATGCTGTGATCCTGA 408
Db 19 ATATGCTGTGATCCTGA 1
```

RESULT 460

US-10-861-060-299/c

Sequence 299, Application US/10861060

Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sina Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Haeblerli, Peter

APPLICANT: Chowrira, Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT APPLICATION NUMBER: US/10/861,060

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 299
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorochioate 3'-Internucleotide linkage
US-10-861-060-299

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 391 TATGCTGTGATCCTGAC 409
DB 19 TATGCTGTGATCCTGAC 1
RESULT 461
US-10-861-060-300/c
Sequence 300, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haedrich, Peter
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 300
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
US-10-861-060-299

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
US-10-861-060-300

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      424 AATGCTCTGAGGAGGG 442
Db      19 AATGCTCTGAGGAGGG 1

RESULT 462
US-10-861-060-301/c
; Sequence 301, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siRNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 301
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  siRNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(2)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
```

```

; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(12)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
US-10-861-060-301

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTTTGTGTGCT 693
Db      19 AGCAGGCTTTGTGTGCT 1

RESULT 463
US-10-861-060-302/c
; Sequence 302, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siRNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
```

PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 302
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(6)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-302

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 694 GTGATTTGTGCGCTTCAA 712
DB 19 GTGATTTGTGCGCTTCAA 1

RESULT 464
US-10-861-060-303/c
Sequence 303, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 303
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature

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/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (19)..(19)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-303

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 695 TGGATTTTGGCTTCAT 713
Db 19 TGGATTTTGGCTTCAT 1

RESULT 465
US-10-861-060-304/c
/ Sequence 304, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 304
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: sirna antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(3)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
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/ NAME/KEY: misc_feature
/ LOCATION: (4)..(4)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (5)..(5)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (6)..(7)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (8)..(9)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (11)..(14)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(19)
/ OTHER INFORMATION: 2'-deoxy
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-304

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1337 TTCATCTGTCATGTT 1355
Db 19 TTCATCTGTCATGTT 1

RESULT 466
US-10-861-060-305
/ Sequence 305, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT FILING DATE: US/10/861,060
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
```

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 305
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc feature
LOCATION: (6)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (8)..(15)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-305

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 325 CTTTGTCAAAAGGACCAG 343
Db 1 CUUGUCAAAAGGACCAG 19

RESULT 467
US-10-861-060-306
Sequence 306, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwigen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 306
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc feature
LOCATION: (2)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (6)..(8)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro

```
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(13)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-306
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
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QY 390 ATATGCTGTGATCTCTGA 408
Db 1 UAUGCCUGGAGUCCUGA 19
```

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RESULT 468
US-10-861-060-307
Sequence 307, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggan, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/861,060
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 307
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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```
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(8)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(12)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-307
```

```
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 391 TATGCTGTGATCTCTGAC 409
Db 1 UAUGCCUGGAGUCCUGAC 19

RESULT 469
US-10-861-060-308
Sequence 308, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
```


APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIORITY FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US 10/826,966
PRIORITY FILING DATE: 2004-04-16
PRIORITY APPLICATION NUMBER: US 10/757,803
PRIORITY FILING DATE: 2004-01-14
PRIORITY APPLICATION NUMBER: US 10/720,448
PRIORITY FILING DATE: 2003-11-24
PRIORITY APPLICATION NUMBER: US 10/693,059
PRIORITY FILING DATE: 2003-10-23
PRIORITY APPLICATION NUMBER: US 10/444,853
PRIORITY FILING DATE: 2003-05-23
PRIORITY APPLICATION NUMBER: PCT/US03/05346
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 10/698311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US04/13456
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
SEQ ID NO 308
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA sense region
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(19)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-308
Query Match 1.2%; Score 19; DB 1; Length 21;

Best Local Similarity 78.9%; Pred.No.1.8e+02;
Matches .15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
Cy 424 AATGCTTTCAGGAGGG 442
DB 1 AAGCCUUCUGAGGAGGG 19
RESULT 470
US-10-861-060-309
Sequence 309, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIORITY FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US 10/826,966
PRIORITY FILING DATE: 2004-04-16
PRIORITY APPLICATION NUMBER: US 10/757,803
PRIORITY FILING DATE: 2004-01-14
PRIORITY APPLICATION NUMBER: US 10/720,448
PRIORITY FILING DATE: 2003-11-24
PRIORITY APPLICATION NUMBER: US 10/693,059
PRIORITY FILING DATE: 2003-10-23
PRIORITY APPLICATION NUMBER: US 10/444,853
PRIORITY FILING DATE: 2003-05-23
PRIORITY APPLICATION NUMBER: PCT/US03/05346
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 10/698311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US04/13456
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
SEQ ID NO 309
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA sense region
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(3)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature

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; LOCATION: (13)..(13)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-309
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;
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```
QY      675 AGCAGGCTTTGTGTGCT 693
Db      1 AGCAGGCTTCTTGTGCT 19
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RESULT 471
US-10-861-060-310
; Sequence 310, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
```

```
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 310
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA sense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(5)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(17)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-310
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.8e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;
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QY      694 GTGATTTGTGGCTTCAA 712
Db      1 GTGGATUUUGGCTUCAA 19
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RESULT 472
US-10-861-060-311
; Sequence 311, Application US/10861060
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Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowitira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US 10/826,966
PRIORITY FILING DATE: 2004-04-16
PRIORITY APPLICATION NUMBER: US 10/757,803
PRIORITY FILING DATE: 2004-01-14
PRIORITY APPLICATION NUMBER: US 10/720,448
PRIORITY FILING DATE: 2003-11-24
PRIORITY APPLICATION NUMBER: US 10/693,059
PRIORITY FILING DATE: 2003-10-23
PRIORITY APPLICATION NUMBER: US 10/444,853
PRIORITY FILING DATE: 2003-05-23
PRIORITY APPLICATION NUMBER: PCT/US03/05346
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 10/698311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: PCT/US04/13456
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 311
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(8)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(12)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:

NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-311
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;
OY 695 TGGATTGTGGCTTCAT 713
Db 1 UGGAUUVUGGCUCAU 19
RESULT 473
US-10-861-060-312
Sequence 312, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowitira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US 10/826,966
PRIORITY FILING DATE: 2004-04-16
PRIORITY APPLICATION NUMBER: US 10/757,803
PRIORITY FILING DATE: 2004-01-14
PRIORITY APPLICATION NUMBER: US 10/720,448
PRIORITY FILING DATE: 2003-11-24
PRIORITY APPLICATION NUMBER: US 10/693,059
PRIORITY FILING DATE: 2003-10-23
PRIORITY APPLICATION NUMBER: US 10/444,853
PRIORITY FILING DATE: 2003-05-23
PRIORITY APPLICATION NUMBER: PCT/US03/05346
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: PCT/US04/13456
PRIORITY FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 312
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(5)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(14)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-312

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      1337 TTCATCCTGTCATGTTT 1355
Db      1 UUCAUCCUGUCAUGUUU 19

RESULT 474
; Sequence 313, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Silma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowdhry, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
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; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 313
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(4)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(14)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
US-10-861-060-313

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      325 CTTTGCAAAAAGACGAG 343
Db      19 CTTTGCAAAAAGACGAG 1

RESULT 475
; Sequence 314, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
```



```

; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(7)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(10)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorochioate 3'-Internucleotide Linkage
US-10-861-060-315

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 391 TATGCTGTGATCTGCAC 409
Db 19 TATGCTGTGATCTGCAC 1

RESULT 477
US-10-861-060-316/C
; Sequence 316, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sinna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
```

```

; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 316
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorochioate 3'-Internucleotide Linkage
US-10-861-060-316

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTCTGAGAGGG 442
Db 19 AATGCTCTGAGAGGG 1

RESULT 478
US-10-861-060-317/C
; Sequence 317, Application US/10861060
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Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Simna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 317
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (6)..(6)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (8)..(12)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:

NAME/KEY: misc feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-317
Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 675 AGCAGGGCTTGTGTGCT 693
Db 19 AGCAGGGCTTGTGTGCT 1
RESULT 479
US-10-861-060-318/C
Sequence 318, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Simna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 318
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro

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FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(6)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-318
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Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 694 GTGATTTGTGGCTTCAA 712
DB 19 GTGATTTGTGGCTTCAA 1
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RESULT 480
US-10-861-060-319/C
Sequence 319, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sigma Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haedertl, Peter
APPLICANT: Chowdita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (WBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
```

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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 319
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(15)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-319
```

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Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 695 TGGATTTGTGGCTTCAAT 713
|||||
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Db 19 TGCATTTGCGCTTCAAT 1

RESULT 481

US-10-861-060-320/c

Sequence 320, Application US/10861060
Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Haeblerli, Peter

APPLICANT: Chowdria, Bharat

TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBH04-372-A)

CURRENT APPLICATION NUMBER: US/10/861,060

PRIOR FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

OTHER INFORMATION: 2'-O-methyl

FEATURE: NAME/KEY: misc_feature

LOCATION: (15)-(16)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE: NAME/KEY: misc_feature

LOCATION: (17)-(19)

OTHER INFORMATION: 2'-O-methyl

FEATURE: NAME/KEY: misc_feature

LOCATION: (20)-(21)

OTHER INFORMATION: n stands for thymidine

FEATURE: NAME/KEY: misc_feature

LOCATION: (20)-(20)

OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage

US-10-861-060-320

Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1337 TGCATCTGCGCTTCAATGTTT 1355
DB 19 TGCATCTGCGCTTCAATGTTT 1

RESULT 482

US-10-861-060-321

Sequence 321, Application US/10861060
Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Haeblerli, Peter

APPLICANT: Chowdria, Bharat

TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBH04-372-A)

CURRENT APPLICATION NUMBER: US/10/861,060

PRIOR FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

OTHER INFORMATION: 2'-O-methyl

FEATURE: NAME/KEY: misc_feature

LOCATION: (15)-(16)

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE: NAME/KEY: misc_feature

LOCATION: (17)-(19)

OTHER INFORMATION: 2'-O-methyl

FEATURE: NAME/KEY: misc_feature

LOCATION: (20)-(21)

OTHER INFORMATION: n stands for thymidine

FEATURE: NAME/KEY: misc_feature

LOCATION: (20)-(20)

OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage

US-10-861-060-320

Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1337 TGCATCTGCGCTTCAATGTTT 1355
DB 19 TGCATCTGCGCTTCAATGTTT 1

RESULT 482

US-10-861-060-321

Sequence 321, Application US/10861060
Publication No. US20050137155A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Haeblerli, Peter

APPLICANT: Chowdria, Bharat

TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using

FILE REFERENCE: 400/162 (MBH04-372-A)

CURRENT APPLICATION NUMBER: US/10/861,060

PRIOR FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2004-01-14

PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23

PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US03/05028

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/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-321

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      325 CTTGTCAAAAGACACG 343
Db      1 CUUGUCANAAAGACACG 19

RESULT 483
US-10-861-060-322
/ Sequence 322, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 322
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
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/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-322

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy      390 ATATGCGTGTGATCTCTGA 408
Db      1 AUAUGCCUGGAGUCCUGA 19

RESULT 484
US-10-861-060-323
/ Sequence 323, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 323
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-323

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
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Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;
QY 391 TATGCTGTGATCTGTAC 409
:||||:||||:||||:
Db 1 UAUCCUUGAUGAUCUAC 19

RESULT 485
US-10-861-060-324

; Sequence 324, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 324
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-324

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.8e+02;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTTGTGAGGAGG 442
||||:||||:||||:
Db 1 AAUGCCUUCUGAAGAGG 19

RESULT 486
US-10-861-060-325

; Sequence 325, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 325
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-325

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.8e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 675 AGCAGGCTTGTGTGCT 693
||||:||||:||||:
Db 1 AGCAGGCTTGTGTGCT 19

RESULT 487
US-10-861-060-326

; Sequence 326, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James

```

; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 326
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; US-10-861-060-326

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.8e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY      694 GTGATTTTGTGGCTTCAA 712
Db      1 GUGGAUUUGUGGCUUCA 19

RESULT 488
US-10-861-060-327
; Sequence 327, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
```

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; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 327
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; US-10-861-060-327

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY      695 TGGATTTTGTGGCTTCAAT 713
Db      1 UGGAUUUGUGGCUUCAU 19

RESULT 489
US-10-861-060-328
; Sequence 328, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
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; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/699,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 328
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc.feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; US-10-861-060-328

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1.8e+02;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

OY      1337 TTCAATCCTGTCAATGTTT 1355
DB      1 UUCAUCCUGUCAUGUUU 19

RESULT 490
US-10-861-060-329/c
; Sequence 329, Application US/10861060
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowfite, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
```

```

; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 329
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc.feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; US-10-861-060-329

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      325 CTTGTCAAAAAGACGACG 343
DB      19 CTTGTCAAAAAGACGACG 1

RESULT 491
US-10-861-060-330/c
; Sequence 330, Application US/10861060
; GENERAL INFORMATION:
; APPLICANT: Sitna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowfite, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 330
; LENGTH: 21
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; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-330
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```

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      390 ATATGCTGTGATCCTGCA 408
Db      19 ATATGCTGTGATCCTGCA 1
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RESULT 492

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US-10-861-060-331/c
; Sequence 331, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 331
```

```

; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
```

```

; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-331
```

```

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      391 TATGCTGTGATCCTGAC 409
Db      19 TATGCTGTGATCCTGAC 1
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RESULT 493

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US-10-861-060-332/c
; Sequence 332, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 332
```

```

; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-332
```

```

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      424 ATATGCTTTGAGAGAGG 442
Db      19 ATATGCTTTGAGAGAGG 1
```

```
RESULT 494
US-10-861-060-333/c
; Sequence 333, Application US/10861060
; Publication No. US20050137155A1
GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 333
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc.feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc.feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
US-10-861-060-333

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      675 AGCAGGCTCTTTGTGCT 693
DB      19 AGCAGGCTCTTTGTGCT 1

RESULT 495
US-10-861-060-334/c
; Sequence 334, Application US/10861060
; Publication No. US20050137155A1
GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
```

```

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 334
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc.feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n strands for thymidine
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
US-10-861-060-334

Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      694 GTGAGTTTGTGGCTTCAA 712
DB      19 GTGAGTTTGTGGCTTCAA 1

RESULT 496
US-10-861-060-335/c
; Sequence 335, Application US/10861060
; Publication No. US20050137155A1
GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
```

```
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 335
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
/ US-10-861-060-335
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      695 TGGATTGTGCTTCAAT 713
DB      19 TGGATTGTGCTTCAAT 1
```

```
RESULT 497
/ US-10-861-060-336/c
/ Sequence 336, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelil, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
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```
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 336
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(20)
/ OTHER INFORMATION: Phosphorothioate 3'-internucleotide linkage
/ US-10-861-060-336
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1337 TTCATCTGTCATGTTT 1355
DB      19 TTCATCTGTCATGTTT 1
```

```
RESULT 498
/ US-10-861-060-337/c
/ Sequence 337, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelil, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MEHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 337
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(4)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (5)..(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-337

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 325 CTTTGCATAAAGACGACG 343
DB 19 CTTTGCATAAAGACGACG 1

RESULT 499
US-10-861-060-338/c
Sequence 338, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haeblerl, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MHHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIORITY APPLICATION NUMBER: US 10/698,311
PRIORITY FILING DATE: 2003-10-31
PRIORITY APPLICATION NUMBER: US 10/826,966
PRIORITY FILING DATE: 2004-04-16
PRIORITY APPLICATION NUMBER: US 10/757,803
PRIORITY FILING DATE: 2004-01-14
PRIORITY APPLICATION NUMBER: US 10/720,448
PRIORITY FILING DATE: 2003-11-24
PRIORITY APPLICATION NUMBER: US 10/693,059
PRIORITY FILING DATE: 2003-10-23
PRIORITY APPLICATION NUMBER: US 10/444,853
PRIORITY FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 338
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (3)..(6)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(16)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
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US-10-861-060-338

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 390 ATATGCTGTGATCTCTGA 408
Db 19 ATATGCTGTGATCTCTGA 1

RESULT 500

US-10-861-060-339/c
; Sequence 339, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 339
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (4)..(7)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (8)..(10)

OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (13)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
US-10-861-060-339

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 391 TATGCTGTGATCTCTGAC 409
Db 19 TATGCTGTGATCTCTGAC 1

RESULT 501
US-10-861-060-340/c
; Sequence 340, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853

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; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 340
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(15)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxyabasic moiety
; US-10-861-060-340

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTTCTGAGGAGG 442
Db 19 AATGCTTCTGAGGAGG 1

RESULT 502
US-10-861-060-341/c
; Sequence 341, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)

; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 341
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (5)..(5)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(12)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (13)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
```

```
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-341
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```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      675 AGCAGGGTCTTTGTGTGCT 693
DB      19 AGCAGGGTCTTTGTGTGCT 1
```

```
RESULT 503
US-10-861-060-342/c
Sequence 342, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 342
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
```

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NAME/KEY: misc feature
LOCATION: (3)..(6)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (11)..(14)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(17)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)..(18)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-342
```

```
Query Match      1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      694 GTGAGTTTGTGCTTCA 712
DB      19 GTGAGTTTGTGCTTCA 1
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```
RESULT 504
US-10-861-060-343/c
Sequence 343, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBH04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
```

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 343
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc feature
LOCATION: (2)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (10)..(10)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(15)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(18)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (19)..(19)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n strands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-343

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 TCGATTTGGCTTCAAT 713
Db 19 TCGATTTGGCTTCAAT 1
RESULT 505
US-10-861-060-344/c
Sequence 344, Application US/10661060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sina Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertl, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MEHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
PRIOR FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 344
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: siNA antisense region
NAME/KEY: misc feature
LOCATION: (1)..(1)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(3)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (4)..(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (5)..(5)
OTHER INFORMATION: 2'-O-methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (6)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-O-methyl

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/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (10)..(10)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (11)..(14)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: 2'-deoxy-2'-fluoro
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(19)
/ OTHER INFORMATION: 2'-O-methyl
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-344
```

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Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1337 TTCATCTCTGTCATGTTT 1355
Db 19 TTCATCTCTGTCATGTTT 1
```

```
RESULT 506
US-10-861-060-345/c
; Sequence 345, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 345
```

```
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)..(1)
/ OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (20)..(21)
/ OTHER INFORMATION: n stands for thymidine
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-345
```

```
Query Match 1.2% Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 325 CTTGTCAAAAAGACACAG 343
Db 19 CTTGTCAAAAAGACACAG 1
```

```
RESULT 507
US-10-861-060-346/c
; Sequence 346, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 346
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
```

```
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-346
```

```
Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      390 ATATGCTGTGATCTCTGA 408
          |||||||
Db       19 ATATGCTGTGATCTCTGA 1
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```
RESULT 508
US-10-861-060-347/c
; Sequence 347, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 347
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
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```
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-347
```

```
Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY      391 TATGCTGTGATCTCTGAC 409
          |||||||
Db       19 TATGCTGTGATCTCTGAC 1
```

```
RESULT 509
US-10-861-060-348/c
; Sequence 348, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 348
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-348
```

```
Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 424 AATGCTTCTGAGGAGG 442
|||||
Db 19 AATGCTTCTGAGGAGG 1

RESULT 510
US-10-861-060-349/c
; Sequence 349, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 349
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-349

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 AGCAGGCTTTGTGTGCT 693
|||||
Db 19 AGCAGGCTTTGTGTGCT 1

RESULT 511
US-10-861-060-350/c
; Sequence 350, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 350
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
US-10-861-060-350

Query Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 694 GTGATTTTGTGGCTTCAA 712
|||||
Db 19 GTGATTTTGTGGCTTCAA 1

RESULT 512
US-10-861-060-351/c
; Sequence 351, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James


```

; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 351
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; US-10-861-060-351
```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Cy      695 TGGATTGTGGCTTCAT 713
        |||||||
Db      19  TGGATTGTGGCTTCAT 1
```

```

RESULT 513
US-10-861-060-352/c
; Sequence 352, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sinna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowfira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
```

```

; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 352
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; US-10-861-060-352
```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Cy      1337 TTCAATCCTGTCATGTTT 1355
        |||||||
Db      19  TTCAATCCTGTCATGTTT 1
```

```

RESULT 514
US-10-991-286A-13
; Sequence 13, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Manganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 21
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```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 20..21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-13

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      261 CCGGTGTGACAGCAGTAGC 279
DB      1 CCGGUGUGACAGCAGTAGC 19

RESULT 515
US-10-991-286A-14/c
; Sequence 14, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; PRIOR FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: 20..21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-14

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      261 CCGGTGTGACAGCAGTAGC 279
DB      19 CCGGTGTGACAGCAGTAGC 1

RESULT 516
US-10-991-286A-15
; Sequence 15, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; PRIOR FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
```

```
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: 20..21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-15

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.8e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      403 TCCTGACATGAGGCTTAT 421
DB      1 UCCUGACAAUGAGGCTUAA 19

RESULT 517
US-10-991-286A-16/c
; Sequence 16, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; PRIOR FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: 20..21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-16

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      403 TCCTGACATGAGGCTTAT 421
DB      19 TCCTGACATGAGGCTTAT 1

RESULT 518
US-10-991-286A-19
; Sequence 19, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
```

```

; APPLICANT: Maraganore, Demetrius M.
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-19

```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      451 CTACGAACCTGAAGCCTAA 469
      1 CTACGAACCTGAAGCCTAA 19

```

```

RESULT 519
US-10-991-286A-20/C
; Sequence 20, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-20

```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      451 CTACGAACCTGAAGCCTAA 469
      19 CTACGAACCTGAAGCCTAA 1

```

```

RESULT 520
US-10-991-286A-25
; Sequence 25, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-25

```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1.8e+02;
Matches 11; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1311 CTATTGTAGTGGTCTAT 1329
      1 CUUUGUAGAGUGGUCUAAU 19

```

```

RESULT 521
US-10-991-286A-26/C
; Sequence 26, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bumcrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = dt= deoxythymidine
US-10-991-286A-26

```

```

Query Match          1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;

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```
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1311 CTATTGTAGAGTGTCTAT 1329
Db 19 CTATTGTAGAGTGTCTAT 1

RESULT 522
US-10-845-667-1340/c
; Sequence 1340, Application US/10845667
; Publication No. US20050026183A1
; GENERAL INFORMATION:
; APPLICANT: Pan, Jian-Bing
; APPLICANT: Bibikova, Marina
; TITLE OF INVENTION: Methods and Compositions For Diagnosing
; FILE REFERENCE: 67234-091
; CURRENT APPLICATION NUMBER: US/10/845,667
; PRIOR FILING DATE: 2004-05-14
; PRIOR APPLICATION NUMBER: 60/471,488
; PRIOR FILING DATE: 2003-05-15
; NUMBER OF SEQ ID NOS: 1506
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 1340
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-845-667-1340

Query Match 1.2%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1378 GTTGTGTGATGCTATGTTT 1399
Db 22 GTGGTTGTGTGTAAGTGT 1

RESULT 523
US-10-698-311-173
; Sequence 173, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haederril, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310

; SOFTWARE: Patentin version 3.2
; SEQ ID NO: 173
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 135 CAGGAAGACAAAGAGG 152
Db 2 CAGGAAGACAAAGAGG 19

RESULT 525
US-10-698-311-192
; Sequence 191, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haederril, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO: 191
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
```

```
/ Sequence 192, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT FILING DATE: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 192
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-192

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      191 GTGCATGCTGTGCAACA 208
DB      1 GUGCAUGGUGGCAACA 18

RESULT 526
US-10-698-311-210
/ Sequence 210, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT FILING DATE: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
```

```
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 210
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-210/C
/ Sequence 211, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT FILING DATE: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 211
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

QY      210 TGGCTGAGAGACCAAG 227
DB      2 UGGCTGAGAGACCAAG 19

RESULT 527
US-10-698-311-211/C
/ Sequence 211, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
/ FILE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBH03-198-A)
/ CURRENT FILING DATE: US/10/698,311
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 211
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

US-10-698-311-211

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 116 CAGGTGTGCGAAGCA 133
Db 19 CAGGTGTGCGAAGCA 2

RESULT 528

US-10-698-311-229/c
; Sequence 229, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 229
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-229

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 135 CAGGAAGACAAAGAGG 152
Db 18 CAGGAAGACAAAGAGG 1

RESULT 529

US-10-698-311-230/c
; Sequence 230, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 230
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-698-311-230

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 191 GTGCATGTGTGCGACAC 208
Db 19 GTGCATGTGTGCGACAC 2

RESULT 530

US-10-698-311-248/c
; Sequence 248, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378

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; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 248
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-248

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      210 TGGCTGAGAAAGCCAAAG 227
Db      18 TGGCTGAGAAAGCCAAAG 1

RESULT 531
US-10-861-060-173
; Sequence 173, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelii, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 173
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-173

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      116 CAGGCTGTGGCAGAAACA 133
Db      1 CAGGCTGTGGCAGAAACA 18

RESULT 532
US-10-861-060-191
; Sequence 191, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelii, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO: 191
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-191

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      135 CAGGAAAGCAAAAGAGG 152
Db      2 CAGGAAAGCAAAAGAGG 19

RESULT 533
US-10-861-060-192
; Sequence 192, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelii, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
```

```

; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 192
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-122
```

```

Query Match      1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 2.5e+02;
Matches 14; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      191 GGCATGCTGTGCACACA 208
Db      1 GUGCAUGGUGGACACA 18
```

```

RESULT 534
; Sequence 210, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
```

```

; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 210
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-210
```

```

Query Match      1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      210 TGGCTGAGAGACCAAG 227
Db      2 UGCUCGAGAGACCAAG 19
```

```

RESULT 535
; Sequence 211, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 211
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-211
```

```

Query Match      1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      116 CAGGGTGGCAGAGCA 133
Db      19 CAGGGTGGCAGAGCA 2
```


RESULT 536
US-10-861-060-229/c
; Sequence 229, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 229
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 135 CAGGAAGACAAAGAGG 152
DB 18 CAGGAAGACAAAGAGG 1

RESULT 537
US-10-861-060-230/c
; Sequence 230, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 230
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374

Query Match 1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 191 GTGCATGCTGTGCAACA 208
DB 19 GTGCATGCTGTGCAACA 2

RESULT 538
US-10-861-060-248/c
; Sequence 248, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Chowirra, Bharat
; APPLICANT: Haebertl, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374

```
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 248
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-861-060-248

Query Match          1.2%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      210 TCGCTGAGAACCAAG 227
Db      18 TCGCTGAGAACCAAG 1

RESULT 539
US-10-991-286A-18/c
; Sequence 18, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Buncrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Maraganoire, Demetrios M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991,286A
; PRIOR FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18371
; PRIOR FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US 60/476,947
; PRIOR FILING DATE: 2003-06-09
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2
; OTHER INFORMATION: n = 2'-O-Me-uridine phosphorothioate modification
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 20
; OTHER INFORMATION: n = deoxythymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21
; OTHER INFORMATION: n = deoxythymidine phosphorothioate modification
US-10-991-286A-18

Query Match          1.2%; Score 18; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      403 TCCTGACATGAGGCTTAT 421
Db      19 TCCTGACATGAGGCTTAT 1

RESULT 540
US-10-908-400A-56
; Sequence 56, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: ATGen Co., LTD.
; APPLICANT: KIM, Jong-Sun

; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: Fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 56
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to Y1334
US-10-908-400A-56

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      434 GAGGAAGGCTATCAAGACTAC 454
Db      21 GAGGAAGGCTCAAGACTAC 1

RESULT 541
US-10-908-400A-57/c
; Sequence 57, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jong-Sun
; APPLICANT: ATGen Co., LTD.
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: Fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to Y1334
US-10-908-400A-57

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      434 GAGGAAGGCTATCAAGACTAC 454
Db      21 GAGGAAGGCTCAAGACTAC 1

RESULT 542
US-10-908-400A-58
; Sequence 58, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: ATGen Co., LTD.
```

```

; APPLICANT: KIM, Jong-Sun
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 58
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to Y124E
US-10-908-400A-58

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      407 GACATGAGGCTTATGAATG 427
          |||||
DB      1 GACATGAGGAATATGAATG 21
```

```

RESULT 543
US-10-908-400A-59/C
; Sequence 59, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: ATGEN Co., LTD.
; APPLICANT: KIM, Jong-Sun
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 59
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to Y124B
US-10-908-400A-59
```

```

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      407 GACATGAGGCTTATGAATG 427
          |||||
DB      21 GACATGAGGAATATGAATG 1
```

```

RESULT 544
US-10-908-400A-62
; Sequence 62, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
```

```

; APPLICANT: ATGEN Co., LTD.
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 62
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to M127S
US-10-908-400A-62

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      416 GCTTATGAAGCCCTTCTGAG 436
          |||||
DB      1 GCTTATGAAGCCCTTCTGAG 21
```

```

RESULT 545
US-10-908-400A-63/C
; Sequence 63, Application US/10908400A
; Publication No. US20050203010A1
; GENERAL INFORMATION:
; APPLICANT: ATGEN Co., LTD.
; APPLICANT: KIM, Jong-Sun
; TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and
; TITLE OF INVENTION: fusion proteins including said peptides
; FILE REFERENCE: 59520-03CIP
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: US/10/908,400A
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: KR 10-2004-33123
; PRIOR FILING DATE: 2004-05-11
; PRIOR APPLICATION NUMBER: KR 10-2005-36882
; PRIOR FILING DATE: 2005-05-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Koparentin 1.71
; SEQ ID NO 63
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for site-directed mutagenesis to M127S
US-10-908-400A-63
```

```

Query Match          1.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      416 GCTTATGAAGCCCTTCTGAG 436
          |||||
DB      21 GCTTATGAAGCCCTTCTGAG 1
```

```

RESULT 546
US-10-698-311-174
; Sequence 174, Application US/10698311
; Publication No. US20040219671A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 174
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-174

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      117 AGGCTGTGGCAGACGACC 135
Db      1 AGGGUGGCGAGACGACC 19

RESULT 547
US-10-698-311-175
; Sequence 175, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
```

```

; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 175
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-175

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      118 GGGTGGCGAGACGACA 136
Db      1 GGGUGGCGAGACGACC 19

RESULT 548
US-10-698-311-176
; Sequence 176, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 176
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-176
```

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 119 GGTGTGCAGAGCAGCAG 137
DB 1 GGUUGGCAAGACACGAG 19

RESULT 549
US-10-698-311-177
Sequence 177, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 177
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-177

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 120 GGTGTGCAGAGCAGCAG 138
DB 1 GGUUGGCAAGACACGAG 19

RESULT 550
US-10-698-311-178
Sequence 178, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/698,311
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 178
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-178

FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 178
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-178

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 121 TGTGTGCAGAGCAGCAG 139
DB 1 UGUUGGCAAGACACGAG 19

RESULT 551
US-10-698-311-179
Sequence 179, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Haebertli, Peter
APPLICANT: Chowitra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 179
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-179

```

; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-179

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      122 GGGCAGAAAGCAGCAGGAA 140
Db      1 GGGCAGAAAGCAGCAGGAA 19

RESULT 552
US-10-698-311-180
; Sequence 180, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 180
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-180

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      123 TGGCAGAAAGCAGCAGGAAA 141
Db      1 UGCAGAAAGCAGCAGGAAA 19
```

```

RESULT 553
US-10-698-311-181
; Sequence 181, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 181
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-181

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      124 GGCAGAAAGCAGCAGGAAG 142
Db      1 GGCAGAAAGCAGCAGGAAG 19

RESULT 554
US-10-698-311-182
; Sequence 182, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowwira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
```

```

; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 182
; LENGTH: 19
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-182

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          125 GCAGAGCAGCAGGAAAGA 143
Db          1 GCAGAGCAGCAGGAAAGA 19

RESULT 555
US-10-698-311-183
; Sequence 183, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 183
; LENGTH: 19
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-183
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; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-183

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          126 CAGAGCAGCAGGAAAGC 144
Db          1 CAGAGCAGCAGGAAAGC 19

RESULT 556
US-10-698-311-184
; Sequence 184, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 184
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-184

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy          127 AGAAGCAGCAGGAAAGCA 145
Db          1 AGAAGCAGCAGGAAAGCA 19

RESULT 557
US-10-698-311-185
; Sequence 185, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
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; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 185
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-185

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      128 GAAGCAGCAGAAAGACAA 146
Db      1 GAAGCAGCAGAAAGACAA 19

RESULT 558
US-10-698-311-186
; Sequence 186, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-187
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; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-186

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      129 AAGCAGCAGAAAGACAA 147
Db      1 AAGCAGCAGAAAGACAA 19

RESULT 559
US-10-698-311-187
; Sequence 187, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-187
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/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 190
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-190

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      133 AGCAGAAAGACAAAGAG 151
Db      1 ACCAGGAAAGACAAAGAG 19

RESULT 563
US-10-698-311-193
/ Sequence 193, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 193
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-193

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.9e+02;
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
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```
RESULT 564
US-10-698-311-194
/ Sequence 194, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO: 194
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-194

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      193 GCATGCTGTGCACAGT 211
Db      1 GCAUGGUGGCAACAUG 19

RESULT 565
US-10-698-311-195
/ Sequence 195, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-195
;
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 195
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-195
;
; Query Match
; Best Local Similarity 1.1%; Score 17.4; DB 1; Length 19;
; Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
;
OY 194 CATGCTGTGCACACAGTGG 212
|||:|||||:|||||
Db 1 CAUGGUGGCAACAUGG 19

RESULT 566
US-10-698-311-196
; Sequence 196, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelii, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 196
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-197
;
; Query Match
; Best Local Similarity 1.1%; Score 17.4; DB 1; Length 19;
; Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
OY 196 TGCTGTGCACACAGTGGCT 214
|||:|||||:|||||
Db 1 UGGUGUGGCAACAUGGCU 19

RESULT 568
US-10-698-311-198
; Sequence 198, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-196
;
; Query Match
; Best Local Similarity 1.1%; Score 17.4; DB 1; Length 19;
; Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
;
OY 195 ATGCTGTGCACACAGTGGC 213
|||:|||||:|||||
Db 1 AUGGUGGCAACAUGGC 19

RESULT 567
US-10-698-311-197
; Sequence 197, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelii, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 197
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-197
;
; Query Match
; Best Local Similarity 1.1%; Score 17.4; DB 1; Length 19;
; Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
OY 196 TGCTGTGCACACAGTGGCT 214
|||:|||||:|||||
Db 1 UGGUGUGGCAACAUGGCU 19

RESULT 568
US-10-698-311-198
; Sequence 198, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```

```

; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-198

Query Match      1.1%  Score 17.4;  DB 1;  Length 19;
Best Local Similarity 73.7%;  Pred. No. 2.9e+02;
Matches 14;  Conservative 4;  Mismatches 1;  Indels 0;  Gaps 0;

QY      197  GGGTGGCAACAGTGGCTG 215
Db      1  GGUGGCAACAAGCGCTG 19

RESULT 569
US-10-698-311-199
; Sequence 199, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
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```

; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 199
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-199

Query Match      1.1%  Score 17.4;  DB 1;  Length 19;
Best Local Similarity 73.7%;  Pred. No. 2.9e+02;
Matches 14;  Conservative 4;  Mismatches 1;  Indels 0;  Gaps 0;

QY      198  GTGTGGCAACAGTGGCTGA 216
Db      1  GGUGGCAACAAGCGCTGA 19

RESULT 570
US-10-698-311-200
; Sequence 200, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 200
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-200

Query Match      1.1%  Score 17.4;  DB 1;  Length 19;
Best Local Similarity 73.7%;  Pred. No. 2.9e+02;
```

Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 199 TGGGCAACAGTGGCTGAG 217
Db 1 UGUGCAACAUGGCUAG 19

RESULT 571

US-10-698-311-201
; Sequence 201, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 201
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-201

Query Match 1.1%; Score 17.4; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 200 GTGGCAACAGTGGCTGAGA 218
Db 1 GUGGCAACAUGGCUAGAGA 19

RESULT 572

US-10-698-311-202
; Sequence 202, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311

CURRENT FILING DATE: 2003-10-31

; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 202
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-202

Query Match 1.1%; Score 17.4; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 201 TGGCAACAGTGGCTGAGAA 219
Db 1 UGCGAACAUGGCUAGAA 19

RESULT 573

US-10-698-311-203
; Sequence 203, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129

```

; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 203
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-203
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      202 GCAACAGTGGCTGAGAG 220
Db      1 GCAACAUAGGCTUGAGAG 19
```

```

RESULT 574
US-10-698-311-204
; Sequence 204, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 204
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-204
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      203 GCAACAGTGGCTGAGAGA 221
Db      1 GCAACAUAGGCTUGAGAGA 19
```

```

RESULT 575
US-10-698-311-205
; Sequence 205, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 205
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-205
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      204 CAACAGTGGCTGAGAGAC 222
Db      1 CAACAUAGGCTUGAGAGAC 19
```

```

RESULT 576
US-10-698-311-206
; Sequence 206, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```

; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 206
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-206

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      205 AACAGTGGCTGAGAGACC 223
Db      1 AACAAUGGCTUGAGAGACC 19

RESULT 577
US-10-698-311-207
; Sequence 207, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-B)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 207
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
```

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-207

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      206 ACAGTGGCTGAGAGACCA 224
Db      1 ACAUUGGCTUGAGAGACCA 19

RESULT 578
US-10-698-311-208
; Sequence 208, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 208
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-698-311-208

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      207 CAGTGGCTGAGAGACCA 225
Db      1 CAUUGGCTUGAGAGACCA 19

RESULT 579
US-10-698-311-209
; Sequence 209, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
```

```
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 209
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-209

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.7%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      208 AGTGGCTGAGAGACCAAA 226
      | : ||| : ||| ||| ||| |||
Db       1 AAUGGCUAGAGAGACCAAA 19

RESULT 580
US-10-698-311-212/c
/ Sequence 212, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 213
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-213
```

```
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 212
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-212

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      117 AGGTGTGGCAGAGCAGC 135
      ||| ||| ||| ||| ||| |||
Db       19 AGGTGTGGCAGAGCACC 1

RESULT 581
US-10-698-311-213/c
/ Sequence 213, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haebertl, Peter
/ APPLICANT: Chowrita, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 213
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-213
```



```

QY      118 GGGTGTGGCAGAAGCAGCA 136
          |||||
Db      19  GGGTGTGGCAGAAGCACCA 1

```

```

RESULT 582
US-10-698-311-214/C
; Sequence 214, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 214
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-214

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 119 GGTGTGCGACAGACAGCAG 137
|||
19 GGTGTGCGACAGACAGCAG 1

```

RESULT 583
 US-10-698-311-215/c
 ; Sequence 215, Application US/10698311
 ; Publication No. US20040219671A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sirna Therapeutics, Inc.
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Haeblerl, Peter
 ; APPLICANT: Chovvita, Bharat
 ; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
 ; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
 ; FILE REFERENCE: 400/137 (MBH03-198-A)
 ; CURRENT APPLICATION NUMBER: US/10/698,311
 ; CURRENT FILING DATE: 2003-10-31

```

PRIORITY APPLICATION NUMBER: PCT/US03/05028
PRIORITY FILING DATE: 2003-02-20
PRIORITY APPLICATION NUMBER: US 60/358,580
PRIORITY FILING DATE: 2002-02-20
PRIORITY APPLICATION NUMBER: US 60/363,124
PRIORITY FILING DATE: 2002-03-11
PRIORITY APPLICATION NUMBER: US 60/366,782
PRIORITY FILING DATE: 2002-06-06
PRIORITY APPLICATION NUMBER: US 60/393,796
PRIORITY FILING DATE: 2002-07-03
PRIORITY APPLICATION NUMBER: 60/339,348
PRIORITY FILING DATE: 2002-07-29
PRIORITY APPLICATION NUMBER: US 60/406,784
PRIORITY FILING DATE: 2002-08-29
PRIORITY APPLICATION NUMBER: US 60/408,378
PRIORITY FILING DATE: 2002-09-05
PRIORITY APPLICATION NUMBER: US 60/409,293
PRIORITY FILING DATE: 2002-09-09
PRIORITY APPLICATION NUMBER: US 60/440,129
PRIORITY FILING DATE: 2003-01-15
PRIORITY OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 215
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-215

```

```

RESULT 584
US-10-698-311-216/C
/ Sequence 216, Application US/10698311
/ Publication No. US20040219671A1
/
/ GENERAL INFORMATION:
/
/ APPLICANT: Sirna Therapeutics, Inc.
/
/ APPLICANT: McSwiggen, James
/
/ APPLICANT: Haeblerl, Peter
/
/ APPLICANT: Chowwira, Bharat
/
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/
/ FILE REFERENCE: 400/137 (MBHD03-198-A)
/
/ CURRENT APPLICATION NUMBER: US/10/698,311
/
/ CURRENT FILING DATE: 2003-10-31
/
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/
/ PRIOR FILING DATE: 2003-02-20
/
/ PRIOR APPLICATION NUMBER: US 60/358,580
/
/ PRIOR FILING DATE: 2002-02-20
/
/ PRIOR APPLICATION NUMBER: US 60/363,124
/
/ PRIOR FILING DATE: 2002-03-11
/
/ PRIOR APPLICATION NUMBER: US 60/386,782
/
/ PRIOR FILING DATE: 2002-06-06
/
/ PRIOR APPLICATION NUMBER: US 60/393,796
/
/ PRIOR FILING DATE: 2002-07-03
/
/ PRIOR APPLICATION NUMBER: 60/399,348
/
/ PRIOR FILING DATE: 2002-07-29
/
/ PRIOR APPLICATION NUMBER: US 60/406,784
/
/ PRIOR FILING DATE: 2002-08-29
/
/ PRIOR APPLICATION NUMBER: US 60/408,378
/
/ PRIOR FILING DATE: 2002-09-05
/
/ PRIOR APPLICATION NUMBER: US 60/409,293
/
/ PRIOR FILING DATE: 2002-09-09
/
/ PRIOR APPLICATION NUMBER: US 60/440,129
/
/ PRIOR FILING DATE: 2003-01-15
/

```

```
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 216
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-216
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 121 TGTGCGAAGCAGCACGGA 139
Db 19 TGTGCGAAGCAGCACGGA 1
```

```
RESULT 585
US-10-698-311-217/c
/ Sequence 217, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowliira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 217
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-217
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 122 GTGCGAAGCAGCACGGA 140
Db 19 GTGCGAAGCAGCACGGA 1
```

RESULT 586

```
US-10-698-311-218/c
/ Sequence 218, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowliira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 218
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-218
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 123 TGGCAGAGCAGCACGGA 141
Db 19 TGGCAGAGCAGCACGGA 1
```

```
RESULT 587
US-10-698-311-219/c
/ Sequence 219, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowliira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MEHB03-198-A)
/ CURRENT FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
```

```

; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 219
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-219

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      124 GCGAGAGCAGCGAGGAAG 142
Db      19 GCGAGAGCAGCGAGGAAG 1

RESULT 588
US-10-698-311-220/c
; Sequence 220, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-221
```

```

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-220

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      125 GCGAGAGCAGCGAGGAAGA 143
Db      19 GCGAGAGCAGCGAGGAAGA 1

RESULT 589
US-10-698-311-221/c
; Sequence 221, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 221
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-221

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      126 GAGAGCAGCGAGGAAGAC 144
Db      19 GAGAGCAGCGAGGAAGAC 1

RESULT 590
US-10-698-311-222/c
; Sequence 222, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebertli, Peter
```

```

; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 222
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-222

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      127 AGAGCAGCAGGAAAGACA 145
Db      19 AGAGCAGCAGGAAAGACA 1

RESULT 591
US-10-698-311-223/c
; Sequence 223, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
```

```

; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 223
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-223
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      128 GAAGCAGCAGGAAAGACA 146
Db      19 GAAGCAGCAGGAAAGACA 1
```

```

RESULT 592
US-10-698-311-224/c
; Sequence 224, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 224
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-224
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 129 AAGCAGCAGAAAGACAAA 147
DB 19 AAGCAGCAGAAAGACAAA 1

RESULT 593
US-10-698-311-225/c
; Sequence 225, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sinna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowkita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 225
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-225

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 130 AGCAGCAGAAAGACAAA 148
DB 19 AGCAGCAGAAAGACAAA 1

RESULT 594
US-10-698-311-226/c
; Sequence 226, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sinna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowkita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028

; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 226
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-226

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GCAGCAGAAAGACAAAAG 149
DB 19 GCAGCAGAAAGACAAAAG 1

RESULT 595
US-10-698-311-227/c
; Sequence 227, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sinna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowkita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310

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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 227
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-227

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      132 CACGAGAAAGACAAAAGA 150
Db      19 CACGAGAAAGACAAAAGA 1

RESULT 596
US-10-698-311-228/c
; Sequence 228, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 228
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-228

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      133 AGCAGAAAGACAAAAGAG 151
Db      19 ACCAGAAAGACAAAAGAG 1

RESULT 597
US-10-698-311-231/c
```

```

; Sequence 231, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06

RESULT 598
US-10-698-311-232/c
; Sequence 232, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      192 TGCATGGTGTGCAACACT 210
Db      19 TGCATGGTGTGCAACACT 1

RESULT 599
US-10-698-311-231
; Sequence 231, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
```

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; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-232

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      193 GCATGCTGTGGCAACAGTG 211
Db      19 GCATGCTGTGGCAACATG 1

RESULT 599
US-10-698-311-233/c
; Sequence 233, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 233
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
```

```
US-10-698-311-233

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      194 CATGCTGTGGCAACAGTG 212
Db      19 CATGCTGTGGCAACATG 1

RESULT 600
US-10-698-311-234/c
; Sequence 234, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 234
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-234

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      195 ATGCTGTGGCAACAGTGC 213
Db      19 ATGCTGTGGCAACATG 1

RESULT 601
US-10-698-311-235/c
; Sequence 235, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
```

```
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 235
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-235
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 196 TGGTGGCAACAGTGGCT 214
Db 19 TGGTGGCAACAGTGGCT 1
```

```
RESULT 602
US-10-698-311-236/C
/ Sequence 236, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sigma Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowlira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
```

```
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 236
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-236
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 197 GGTGGCAACAGTGGCTG 215
Db 19 GGTGGCAACAGTGGCTG 1
```

```
RESULT 603
US-10-698-311-237/C
/ Sequence 237, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sigma Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowlira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/137 (MHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 237
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-237
```

```
QY 198 GTGTGGCAACAGTGGCTGA 216
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


Db 19 GTGGCAACATGGCTGA 1

```
RESULT 604
US-10-698-311-238/c
; Sequence 238, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-238

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 199 GTGGCAACATGGCTGAG 217

Db 19 GTGGCAACATGGCTGAG 1

```
RESULT 605
US-10-698-311-239/c
; Sequence 239, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; SOFTWARE: PatentIn version 3.2
```

```
;; PRIOR APPLICATION NUMBER: US 60/358,580
;; PRIOR FILING DATE: 2002-02-20
;; PRIOR APPLICATION NUMBER: US 60/363,124
;; PRIOR FILING DATE: 2002-03-11
;; PRIOR APPLICATION NUMBER: US 60/386,782
;; PRIOR FILING DATE: 2002-06-06
;; PRIOR APPLICATION NUMBER: US 60/393,796
;; PRIOR FILING DATE: 2002-07-03
;; PRIOR APPLICATION NUMBER: 60/399,348
;; PRIOR FILING DATE: 2002-07-29
;; PRIOR APPLICATION NUMBER: US 60/406,784
;; PRIOR FILING DATE: 2002-08-29
;; PRIOR APPLICATION NUMBER: US 60/408,378
;; PRIOR FILING DATE: 2002-09-05
;; PRIOR APPLICATION NUMBER: US 60/409,293
;; PRIOR FILING DATE: 2002-09-09
;; PRIOR APPLICATION NUMBER: US 60/440,129
;; PRIOR FILING DATE: 2003-01-15
;; NUMBER OF SEQ ID NOS: 310
;; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-239

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 200 GTGGCAACATGGCTGAGA 218

Db 19 GTGGCAACATGGCTGAGA 1

```
RESULT 606
US-10-698-311-240/c
; Sequence 240, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
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/ SEQ ID NO 240
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-240

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 201 TGGCAACAGTGGCTGAGAA 219
DB 19 TGGCAACATGGCTGAGAA 1

RESULT 607
US-10-698-311-241/c
/ Sequence 241, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 241
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-241

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GGCAACAGTGGCTGAGAA 220
DB 19 GGCAACATGGCTGAGAA 1

RESULT 608
US-10-698-311-242/c
/ Sequence 242, Application US/10698311

/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 310
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 242
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-242

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 203 GCAACAGTGGCTGAGAA 221
DB 19 GCAACATGGCTGAGAA 1

RESULT 609
US-10-698-311-243/c
/ Sequence 243, Application US/10698311
/ Publication No. US20040219671A1
/ GENERAL INFORMATION:
/ APPLICANT: Sina Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowrira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/137 (MBHB03-198-A)
/ CURRENT APPLICATION NUMBER: US/10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/393,796

```

; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 243
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-243

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      204 CAACAGTGGCTGAGAGACC 222
Db      19 CAACATGGCTGAGAGACC 1

RESULT 610
US-10-698-311-244/c
; Sequence 244, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-244
```

```

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      205 AACAGTGGCTGAGAGACC 223
Db      19 AACATGGCTGAGAGACC 1

RESULT 611
US-10-698-311-245/c
; Sequence 245, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-245

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      206 AACAGTGGCTGAGAGACC 224
Db      19 AACATGGCTGAGAGACC 1

RESULT 612
US-10-698-311-246/c
; Sequence 246, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
US-10-698-311-246
```

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; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 246
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-246

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      207 CAGTGGCTGAGAACCA 225
Db      19 CAATGGCTGAGAACCA 1

RESULT 613
US-10-698-311-247/c
; Sequence 247, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MEHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 246
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-246
```

```

; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-698-311-247
```

```

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      208 AGTGGCTGAGAACCA 226
Db      19 AATGGCTGAGAACCA 1
```

```

RESULT 614
US-10-861-060-174
; Sequence 174, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 174
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-174
```

```

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      117 AGGTGTGAGAACGAC 135
```

Db 1 AGGUGGCGAGAGCACC 19

```
RESULT 615
US-10-861-060-175
; Sequence 175, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 175
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-175
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 118 GGGTGTGGCAGAGCAGCA 136
Db 1 GGGUGGCGAGAGCAGCA 19

RESULT 616
US-10-861-060-176
; Sequence 176, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
```

```
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 176
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-176
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 119 GGTGTGGCAGAGCAGCAG 137
Db 1 GGUUGGCGAGAGCAGCAG 19

RESULT 617
US-10-861-060-177
; Sequence 177, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowritra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
```

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 177
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-177
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      120 GTGTGCAGAGCAGCAGG 138
      1 GUGGCGAGAGCAGCAGG 19
```

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RESULT 618
US-10-861-060-178
; Sequence 178, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 178
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-178
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
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```
QY      121 TGTGCGAGAGCAGCAGGA 139
      1 UGUGCGAGAGCAGCAGGA 19
```

```

RESULT 619
US-10-861-060-179
; Sequence 179, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 179
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-179
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      122 GTGGCGAGAGCAGCAGGA 140
      1 GUGGCGAGAGCAGCAGGA 19
```

```

RESULT 620
US-10-861-060-180
; Sequence 180, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
```

```

; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 180
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-180

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      123 TGGCAGAGCAGCAGGAAA 141
      :|||||||:|||||
DB      1 UGCAGAGCAGCAGGAAA 19

RESULT 621
US-10-861-060-181
; Sequence 181, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 182
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-182
```

```

; SEQ ID NO 181
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-181

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      124 GCGAGAGCAGCAGGAAAG 142
      :|||||||:|||||
DB      1 GCGAGAGCAGCAGGAAAG 19

RESULT 622
US-10-861-060-182
; Sequence 182, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 182
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-182

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      125 GCGAGAGCAGCAGGAAAAG 143
      :|||||||:|||||
DB      1 GCGAGAGCAGCAGGAAAAG 19

RESULT 623
US-10-861-060-183
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```
/ Sequence 183, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MGSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 183
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-183

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 126 CAGAAGCAGCAGGAAGAC 144
Db 1 CAGAAGCAGCAGGAAGAC 19

RESULT 624
US-10-861-060-184
/ Sequence 184, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MGSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
```

```
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 184
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-184

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 127 AGAAGCAGCAGGAAGAC 145
Db 1 AGAAGCAGCAGGAAGAC 19

RESULT 625
US-10-861-060-185
/ Sequence 185, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MGSwigen, James
/ APPLICANT: Haeblerl, Peter
/ APPLICANT: Chowhira, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 185
/ LENGTH: 19
/ TYPE: RNA
```



```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-185
;
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      128 GAAGCAGCAGGAAGACAA 146
      ||||| ||||| |||||
Db      1 GAAGCAGCAGGAAGACAA 19

RESULT 626
US-10-861-060-186
; Sequence 186, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 186
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-186

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      129 AAGCAGCAGGAAGACAAA 147
      ||||| ||||| |||||
Db      1 AAGCAGCAGGAAGACAAA 19

RESULT 627
US-10-861-060-187
; Sequence 187, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 187
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-187

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      130 AGCAGCAGGAAGACAAA 148
      ||||| ||||| |||||
Db      1 AGCAGCAGGAAGACAAA 19

RESULT 628
US-10-861-060-188
; Sequence 188, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeberli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
```

```

; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-188
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      131 GCAGCAGAAAGCAAAAG 149
Db      1 GCACCAGAAAGCAAAAG 19
```

```

RESULT 629
; Sequence 189, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 189
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
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US-10-861-060-189
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Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy      132 CACGAGAAAGCAAAAG 150
Db      1 CACGAGAAAGCAAAAG 19
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RESULT 630
; Sequence 190, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 190
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
```

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US-10-861-060-190
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```

Qy      133 ACAGAGAAAGCAAAAG 151
Db      1 ACAGAGAAAGCAAAAG 19
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```

RESULT 631
; Sequence 193, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haebelli, Peter
```


Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 194 CATGCTGGCAACAGTGG 212
||:||||:||||:||||:
Db 1 CAUGGUGGCAACAUGG 19

RESULT 634

US-10-861-060-196
; Sequence 196, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 196
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-196

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 195 ATGCTGGCAACAGTGGC 213
||:||||:||||:||||:
Db 1 AUGGUGGCAACAUGGC 19

RESULT 635
US-10-861-060-197
; Sequence 197, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 197
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-197

; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 197
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-197

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.9e+02;
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 196 TGTGTGGCAACAGTGCT 214
||:||||:||||:||||:
Db 1 UGGUGGCAACAUGGCU 19

RESULT 636
US-10-861-060-198
; Sequence 198, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/861,060
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 198
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-198

```

; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 198
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-198

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      197 GGTGGCAACAGTGGCTG 215
Db      1 GGUGGCAACAUGGCTUG 19

RESULT 637
US-10-861-060-199
; Sequence 199, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 199
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-199

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
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```

QY      198 GGTGGCAACAGTGGCTGA 216
Db      1 GGUGGCAACAUGGCTUGA 19

RESULT 638
US-10-861-060-200
; Sequence 200, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 200
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense 1
US-10-861-060-200

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 2.9e+02;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      199 TGTGGCAACAGTGGCTGAG 217
Db      1 UGUGGCAACAUGGCTUGAG 19

RESULT 639
US-10-861-060-201
; Sequence 201, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
```

```

; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 201
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-201

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      200 GTGCACACAGTGGCTGAGA 218
      1 GTGCACACACAGGCTGAGA 19
DB

RESULT 640
US-10-861-060-202
; Sequence 202, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 201
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-202
```

```

; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 202
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-202

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      201 TGGCAACAGTGGCTGAGA 219
      1 UGCAACAACAGGCTGAGA 19
DB

RESULT 641
US-10-861-060-203
; Sequence 203, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 203
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-203

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      202 GGCAACAGTGGCTGAGA 220
      1 GGCAACAACAGGCTGAGA 19
DB
```

```
RESULT 642
US-10-861-060-204
; Sequence 204, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 204
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-204

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      203 GCACAGTGGCTGAGAGA 221
Db      1 GCACACAUGGCTGAGAGA 19

RESULT 643
US-10-861-060-205
; Sequence 205, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
```

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; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 205
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-861-060-205

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      204 CAACAGTGGCTGAGAGAC 222
Db      1 CAACACAUGGCTGAGAGAC 19

RESULT 644
US-10-861-060-206
; Sequence 206, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
```

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/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 206
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-206
```

```
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      205 AACAGTGGCTGAGAAGACC 223
DB      1 AACAAUGGCTGAGAAGACC 19
```

RESULT 645

```
US-10-861-060-207
/ Sequence 207, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowli, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ PRIOR FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 207
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-207
```

```
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      206 ACAGTGGCTGAGAAGACCA 224
DB      1 AACAAUGGCTGAGAAGACCA 19
```

RESULT 646

```
US-10-861-060-208
/ Sequence 208, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowli, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: Patentin version 3.3
/ SEQ ID NO 208
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-208
```

```
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      207 CAGTGGCTGAGAAGACCA 225
DB      1 CAUUGGCTGAGAAGACCA 19
```

RESULT 647

```
US-10-861-060-209
/ Sequence 209, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: MCSwigen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowli, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MBHB04-372-A)
/ CURRENT APPLICATION NUMBER: US/10/861,060
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
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; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 209
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-209

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      208 AGTGGCTGAGAACCAAA 226
DB      1  AAGGCTGAGAACCAAA 19

RESULT 648
US-10-861-060-212/c
; Sequence 212, Application US/10861060
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 212
; LENGTH: 19
```

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-212

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      117 AGGCTGGCAGAGCACC 135
DB      19  AGGCTGGCAGAGCACC 1

RESULT 649
US-10-861-060-213/c
; Sequence 213, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowritza, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 213
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-213

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      118 GGGTGGCAGAGCACA 136
DB      19  GGGTGGCAGAGCACA 1

RESULT 650
US-10-861-060-214/c
; Sequence 214, Application US/10861060
; Publication No. US20050137155A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2004-04-30
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 214
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-214

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      119 GGTGTGCAGAGCAGCAG 137
Db      19 GGTGTGCAGAGCAGCAG 1

RESULT 651
US-10-861-060-215/c
/ Sequence 215, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
```

```
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 215
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-215

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      120 GGTGTGCAGAGCAGCAG 138
Db      19 GGTGTGCAGAGCAGCAG 1

RESULT 652
US-10-861-060-216/c
/ Sequence 216, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Haeblerli, Peter
/ APPLICANT: Chowitra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ FILE REFERENCE: 400/162 (MHB04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 216
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-216

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      121 TGTGCAGAGCAGCAGCA 139
Db      19 TGTGCAGAGCAGCAGCA 1

RESULT 653
US-10-861-060-217/c
; Sequence 217, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 217
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-217

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      122 GTGGCAGAGCAGCAGCA 140
Db      19 GTGGCAGAGCAGCAGCA 1

RESULT 654
US-10-861-060-218/c
; Sequence 218, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James

; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23

; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-218

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      123 TGGCAGAGCAGCAGCAA 141
Db      19 TGGCAGAGCAGCAGCAA 1

RESULT 655
US-10-861-060-219/c
; Sequence 219, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
```

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; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 219
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-219
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      124 GGCAGAGCAGCAGGAAG 142
Db      19 GGCAGAGCAGCAGGAAG 1
```

```

RESULT 656
US-10-861-060-220/c
; Sequence 220, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 220
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-220
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      125 GCGAAGCAGCAGGAAGA 143
Db      19 GCGAAGCAGCAGGAAGA 1
```

```

RESULT 657
US-10-861-060-221/c
; Sequence 221, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 221
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-221
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      126 CAGAAAGCAGCAGGAAGC 144
Db      19 CAGAAAGCAGCAGGAAGC 1
```

```

RESULT 658
US-10-861-060-222/c
; Sequence 222, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
US-10-861-060-222
```

```
;; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
;; FILE REFERENCE: 400/162 (MEHB04-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; PRIOR FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 222
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-222

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      127 AGAGCAGCAGGAAGACA 145
Db      19 AGAGCACCAGGAAGACA 1

RESULT 659
US-10-861-060-223/c
;; Sequence 223, Application US/10861060
;; Publication No. US20050137155A1
;; GENERAL INFORMATION:
;; APPLICANT: Sirna Therapeutics, Inc.
;; APPLICANT: McSwigen, James
;; APPLICANT: Haeblerl, Peter
;; APPLICANT: Chowrita, Bharat
;; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;; FILE REFERENCE: 400/162 (MEHB04-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; CURRENT FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
```

```
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 223
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-223

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      128 GAAGCAGCAGGAAGACA 146
Db      19 GAAGCACCAGGAAGACA 1

RESULT 660
US-10-861-060-224/c
;; Sequence 224, Application US/10861060
;; Publication No. US20050137155A1
;; GENERAL INFORMATION:
;; APPLICANT: Sirna Therapeutics, Inc.
;; APPLICANT: McSwigen, James
;; APPLICANT: Haeblerl, Peter
;; APPLICANT: Chowrita, Bharat
;; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;; FILE REFERENCE: 400/162 (MEHB04-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; CURRENT FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 224
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-224

Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 129 AGCAGCAGGAAAGACAAA 147
DB 19 AGCAGCAGGAAAGACAAA 1

RESULT 661

US-10-861-060-225/c
Sequence 225, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 225
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirta antisense region
US-10-861-060-225

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 130 AGCAGCAGGAAAGACAAA 148
DB 19 AGCAGCAGGAAAGACAAA 1

RESULT 662
US-10-861-060-226/c
Sequence 226, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060

CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 226
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sirta antisense region
US-10-861-060-226

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GCACGAGGAAAGACAAAAG 149
DB 19 GCACGAGGAAAGACAAAAG 1

RESULT 663
US-10-861-060-227/c
Sequence 227, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31

```

; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 227
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-227

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      132 CAGCAGAAAGACAAAGA 150
Db      19 CACCAGAAAGCAAAAGA 1

RESULT 664
US-10-861-060-228/c
; Sequence 228, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 228
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-228

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      133 AGCAGAAAGCAAAAGAG 151
Db      19 CACCAGAAAGCAAAAGA 1
```

```

Db      19 ACCAGAAAGCAAAAGAG 1

RESULT 665
US-10-861-060-231/c
; Sequence 231, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 231
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-231

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      192 TGCATGGTGTGCAACACT 210
Db      19 TGCATGGTGTGCAACACT 1

RESULT 666
US-10-861-060-232/c
; Sequence 232, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
```

```
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 232
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-232

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      193 GCATGCTGTGGCAACAGTC 211
DB      19 GCATGCTGTGGCAACAGTC 1

RESULT 667
US-10-861-060-233/c
/ Sequence 233, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelli, Peter
/ APPLICANT: Chowritra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/162 (MBHR04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 234
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-234
```

```
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 233
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-233
```

```
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      194 CATGCTGTGGCAACAGTCG 212
DB      19 CATGCTGTGGCAACAGTCG 1
```

```
RESULT 668
US-10-861-060-234/c
/ Sequence 234, Application US/10861060
/ Publication No. US20050137155A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: McSwigen, James
/ APPLICANT: Haebelli, Peter
/ APPLICANT: Chowritra, Bharat
/ TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
/ TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
/ FILE REFERENCE: 400/162 (MBHR04-372-A)
/ CURRENT FILING DATE: 2004-06-03
/ PRIOR APPLICATION NUMBER: US 10/698,311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: US 10/757,803
/ PRIOR FILING DATE: 2004-01-14
/ PRIOR APPLICATION NUMBER: US 10/720,448
/ PRIOR FILING DATE: 2003-11-24
/ PRIOR APPLICATION NUMBER: US 10/693,059
/ PRIOR FILING DATE: 2003-10-23
/ PRIOR APPLICATION NUMBER: US 10/444,853
/ PRIOR FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: PCT/US03/05346
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: PCT/US03/05028
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 10/698311
/ PRIOR FILING DATE: 2003-10-31
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 374
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 234
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-234
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```
Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      195 ATGCTGTGGCAACAGTGGC 213
DB      19 ATGCTGTGGCAACAGTGGC 1
```



```
RESULT 669
US-10-861-060-235/c
; Sequence 235, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 235
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-235
Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      196 TGGTGTGGCAACAGTGGCT 214
DB      19 TGGTGTGGCAACATGGCT 1

RESULT 670
US-10-861-060-236/c
; Sequence 236, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
```

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; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 236
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-236
Query Match          1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      197 GGTGTGGCAACAGTGGCTG 215
DB      19 GGTGTGGCAACATGGCTG 1

RESULT 671
US-10-861-060-237/c
; Sequence 237, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBH04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 237
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; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-237

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 GTGTGGCAACAGTGGCTGA 216
Db      19 GTGTGGCAACAGTGGCTGA 1

RESULT 672
US-10-861-060-238/c
; Sequence 238, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 238
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-238

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      199 GTGTGGCAACAGTGGCTGAG 217
Db      19 GTGTGGCAACAGTGGCTGAG 1

RESULT 673
US-10-861-060-239/c
; Sequence 239, Application US/10861060
```

```

; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 239
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-239

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      200 GTGTGGCAACAGTGGCTGAGA 218
Db      19 GTGTGGCAACAGTGGCTGAGA 1

RESULT 674
US-10-861-060-240/c
; Sequence 240, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT FILING DATE: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
```

```
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 240
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-240

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      201 TGGCAACAGTGGCTGAGAA 219
Db      19 TGGCAACATGGCTGAGAA 1

RESULT 675
US-10-861-060-241/c
; Sequence 241, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 241
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
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```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-241

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      202 GGCAACAGTGGCTGAGAA 220
Db      19 GGCAACATGGCTGAGAA 1

RESULT 676
US-10-861-060-242/c
; Sequence 242, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MEHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 242
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-242

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      203 GCAACAGTGGCTGAGAA 221
Db      19 GCAACATGGCTGAGAA 1

RESULT 677
US-10-861-060-243/c
; Sequence 243, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```

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; APPLICANT: McSwiggen, James
; APPLICANT: Chowhita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 243
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-243

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      204 CAACAGTGGCTGAGAAGAC 222
Db      19 CAACATGGCTGAGAAGAC 1

RESULT 678
US-10-861-060-244/c
; Sequence 244, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sierra Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowhita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-245
```

```

; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-244

Query Match      1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      205 AACAGTGGCTGAGAAGACC 223
Db      19 AACATGGCTGAGAAGACC 1

RESULT 679
US-10-861-060-245/c
; Sequence 245, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sierra Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowhita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-245
```

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 206 AACTGCTGAGAGACCA 224
DB 19 CAATGCTGAGAGACCA 1

RESULT 680
US-10-861-060-246/c
; Sequence 246, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 246
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat

US-10-861-060-246
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 207 CAGTGGCTGAGAGACCA 225
DB 19 CAATGCTGAGAGACCA 1

RESULT 681
US-10-861-060-247/c
; Sequence 247, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat

; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat

Query Match 1.1%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 208 ACTGCTGAGAGACCAA 226
DB 19 AATGCTGAGAGACCAA 1

RESULT 682
US-10-698-311-302
; Sequence 302, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBHB03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29

```

; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 302
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxybasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxybasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; US-10-698-311-302
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

QY 202 GGCAACAGTGGCTGAGAG 220

Db 1 GGCAACAATGGCTGAGAG 19

```

RESULT 683
; US-10-698-311-303/c
; Sequence 303, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
```

```

; SEQ ID NO 303
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal glyceryl moiety
; US-10-698-311-303
```

```

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 202 GGCAACAGTGGCTGAGAG 220

Db 19 GGCAACAATGGCTGAGAG 1

```

RESULT 684
; US-10-698-311-304
; Sequence 304, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MBH03-198-A)
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US/10/698,311
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 304
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; NAME/KEY: misc_feature
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```
LOCATION: (1)..(2)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (4)..(5)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (6)..(6)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (9)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (10)..(11)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (14)..(19)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (14)..(19)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-698-311-304
```

```
Query Match 1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
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QY 202 GGCAACAGTGGCTGAGAG 220

Db 1 GGCAACAAUGGCTGAGAG 19

```
RESULT 685
US-10-698-311-305/c
Sequence 305, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chovvita, Bharat
TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBH803-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
```

```
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 305
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: s1NA antisense region
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(6)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (9)..(10)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-O-Methyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety
US-10-698-311-305
```

Query Match 1.1%; Score 17.4; DB 1; Length 21;

Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 GGCAACAGTGGCTGAGAG 220
Db 19 GGCAACATGGCTGAGAG 1

RESULT 686
US-10-698-311-307/c
Sequence 307, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBH03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 307
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
NAME/KEY: misc_feature
LOCATION: (1)..(6)
OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(10)
OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)

OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety
US-10-698-311-307

Query Match

Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 GGCAACAGTGGCTGAGAG 220
Db 19 GGCAACATGGCTGAGAG 1

RESULT 687
US-10-698-311-308
Sequence 308, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: MCSwigen, James
APPLICANT: Haeblerli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/137 (MBH03-198-A)
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 308
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siRNA sense region
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(2)


```
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(5)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(8)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(19)
; OTHER INFORMATION: 2'-deoxy
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-308

Query Match          1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      202 GGCAACAGTGGCTGGAAG 220
Db      1 GGCAACAAGGCGUGAAG 19

RESULT 688
; US-10-698-311-309
; Sequence 309, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/399,348
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; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 309
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-309

Query Match          1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      202 GGCAACAGTGGCTGGAAG 220
Db      1 GGCAACAAGGCGUGAAG 19

RESULT 689
; US-10-698-311-310/c
; Sequence 310, Application US/10698311
; Publication No. US20040219671A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; APPLICANT: Haeblerl, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/137 (MHB03-198-A)
; CURRENT APPLICATION NUMBER: US/10/698,311
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
```

PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 310
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(6)
OTHER INFORMATION: 2'-deoxy-2'fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(10)
OTHER INFORMATION: 2'-deoxy-2'fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety

US-10-698-311-310
Query Match 1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 202 GGCAACAGTGGCTGAGAG 220
DB 19 GGCAACAGTGGCTGAGAG 1
RESULT 690
US-10-861-060-362
Sequence 362, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haebelil, Peter
APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
FILE REFERENCE: 400/162 (MHB04-372-A)
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/861,060
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 362
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
US-10-661-060-362
Query Match 1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 202 GGCAACAGTGGCTGAGAG 220

Db 1 GGCACAAUGGCGUGAGAG 19

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RESULT 691
US-10-861-060-363/C
; Sequence 363, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowlita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 363
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety
US-10-861-060-363

Query Match 1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 202 GGCACAGTGGCTGAGAG 220
19 GGCACAAATGGCTGAGAG 1

RESULT 692
US-10-861-060-364
; Sequence 364, Application US/10861060

```
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebertl, Peter
; APPLICANT: Chowlita, Bharat
; TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; PRIOR FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 364
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)..(5)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(8)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
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```

; NAME/KEY: misc_feature
; LOCATION: (14)..(19)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-364

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      202 GGCACACGTGCTGAGAG 220
Db      1  GGCACCAATGGCTGAGAG 19

RESULT 693
US-10-861-060-365/c
; Sequence 365, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 365
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; NAME/KEY: misc_feature
; LOCATION: (7)..(8)
; OTHER INFORMATION: 2'-O-Methyl
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (14)..(14)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2'-O-Methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal glyceryl moiety
US-10-861-060-365

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      202 GGCACACGTGCTGAGAG 220
Db      19 GGCACCAATGGCTGAGAG 1

RESULT 694
US-10-861-060-367/c
; Sequence 367, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; APPLICANT: Haebelil, Peter
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
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;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 367
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1)..(6)
;; OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (9)..(10)
;; OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (12)..(13)
;; OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (15)..(16)
;; OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (18)..(19)
;; OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (20)..(20)
;; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide linkage
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (20)..(21)
;; OTHER INFORMATION: n stands for thymidine
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (21)..(21)
;; OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety
US-10-861-060-367

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
;; TITLE OR INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
;; FILE REFERENCE: 400/162 (MEBH04-372-A)
;; CURRENT APPLICATION NUMBER: US/10/861,060
;; CURRENT FILING DATE: 2004-06-03
;; PRIOR APPLICATION NUMBER: US 10/698,311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: US 10/826,966
;; PRIOR FILING DATE: 2004-04-16
;; PRIOR APPLICATION NUMBER: US 10/757,803
;; PRIOR FILING DATE: 2004-01-14
;; PRIOR APPLICATION NUMBER: US 10/720,448
;; PRIOR FILING DATE: 2003-11-24
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2003-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: PCT/US03/05346
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: PCT/US03/05028
;; PRIOR FILING DATE: 2003-02-20
;; PRIOR APPLICATION NUMBER: US 10/698311
;; PRIOR FILING DATE: 2003-10-31
;; PRIOR APPLICATION NUMBER: PCT/US04/13456
;; PRIOR FILING DATE: 2004-04-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 374
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 368
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1)..(1)
;; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moiety
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (21)..(21)
;; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moiety
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1)..(2)
;; OTHER INFORMATION: 2'-deoxy
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (4)..(5)
;; OTHER INFORMATION: 2'-deoxy
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (7)..(8)
;; OTHER INFORMATION: 2'-deoxy
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (10)..(11)
;; OTHER INFORMATION: 2'-deoxy
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (14)..(19)
;; OTHER INFORMATION: 2'-deoxy
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (3)..(3)
;; OTHER INFORMATION: 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (6)..(6)
;; OTHER INFORMATION: 2'-deoxy-2'-fluoro
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (9)..(9)
```

```

; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-368

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      202  GGCACAGTGGCTGAGAG 220
Db      1  GGCACACAUGCUCGAGAG 19

RESULT 696
US-10-861-060-369
; Sequence 369, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 369
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5'-3' attached terminal deoxybasic moiety
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3' attached terminal deoxybasic moiety
; FEATURE:
; NAME/KEY: misc_feature
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; LOCATION: (3)..(3)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(13)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-861-060-369

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.6e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      202  GGCACAGTGGCTGAGAG 220
Db      1  GGCACACAUGCUCGAGAG 19

RESULT 697
US-10-861-060-370/c
; Sequence 370, Application US/10861060
; Publication No. US20050137155A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowrita, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
; FILE REFERENCE: 400/162 (MBHB04-372-A)
; CURRENT APPLICATION NUMBER: US/10/861,060
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: US 10/698,311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/698311
; PRIOR FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 374
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 370
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; FEATURE:
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NAME/KEY: misc_feature
LOCATION: (1)..(16)
OTHER INFORMATION: 2'-deoxy-2'Fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)..(10)
OTHER INFORMATION: 2'-deoxy-2'Fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11)..(11)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'Fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (14)..(14)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-deoxy-2'Fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'Fluoro
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal glyceryl moiety
US-10-861-060-370

Query Match      1.1%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      202 GCGACAGTGGCTGAGAG 220
Db      19 GCGAACATGCTGAGAG 1

RESULT 698
US-10-991-286A-22/c
; Sequence 22, Application US/10991286A
; Publication No. US20050186591A1
; GENERAL INFORMATION:
; APPLICANT: Bunecrot, David
; APPLICANT: Farrer, Matthew J.
; APPLICANT: Manganore, Demetrius M.
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
; FILE REFERENCE: 17574-003001
; CURRENT APPLICATION NUMBER: US/10/991.286A
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: PCT/US2004/18271
; PRIOR FILING DATE: 2004-06-09

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PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR FILING DATE: 2003-06-09
NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: n = 2'-O-Me-uridine modification
FEATURE:
NAME/KEY: misc_feature
LOCATION: 2
OTHER INFORMATION: n = 2'-O-Me-uridine phosphorothioate modification
FEATURE:
NAME/KEY: misc_feature
LOCATION: 20
OTHER INFORMATION: n = dt= deoxythymidine
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21
OTHER INFORMATION: n = deoxythymidine phosphorothioate modification
US-10-991-286A-22

Query Match      1.1%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      451 CTACGACCTGAAGCCT 467
Db      19 CTACGACCTGAAGCCT 3

RESULT 699
US-10-367-438-204/c
; Sequence 204, Application US/10367438
; Publication No. US20030180773A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Daniel
; APPLICANT: BLUMENFELD, Marla
; APPLICANT: TCHOUMAKOV, Iliia
; TITLE OF INVENTION: Biallelic markers for use in
; constructing a high density disequilibrium map of
; the human genome.
NUMBER OF SEQUENCES: 336
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 550 West C Street
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: win95
SOFTWARE: word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/367,438
FILING DATE: 14-Feb-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/463,075A
FILING DATE: 14-Jan-2000
INFORMATION FOR SEQ ID NO: 204:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR

```

MOLECULE TYPE: DNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: microsequencing oligo 99-2240-281.mis1
LOCATION: 1..19
SEQUENCE DESCRIPTION: SEQ ID NO: 204
US-10-367-438-204

Query Match 1.0%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 AATATTAAGTATTATA 1144
DB 19 AATATAAAGTATTATA 1

RESULT 700
US-09-966-264-28
Sequence 28, Application US/09966264
Patent No. US2002009901SA1
GENERAL INFORMATION:
APPLICANT: Barber, Elizabeth K
TITLE OF INVENTION: Gene Expression Control Element DNA
FILE REFERENCE: 896034605001
CURRENT APPLICATION NUMBER: US/09/966,264
PRIOR FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US 60/237,079
PRIOR FILING DATE: 2000-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.1
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: human
US-09-966-264-28

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1402 AATGTTATACATTTT 1419
DB 1 AACTGTATATAATTTT 18

RESULT 701
US-10-108-260A-5221/C
Sequence 5221, Application US/10108260A
Publication No. US20040005560A1
GENERAL INFORMATION:
APPLICANT: Helix Research Institute
TITLE OF INVENTION: No. US20040005560A1e1 full length cDNA
FILE REFERENCE: H1-A0106
CURRENT APPLICATION NUMBER: US/10/108,260A
CURRENT FILING DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 5458
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5221
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized F
US-10-108-260A-5221

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 86.9%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 346 GGGCAGAGATGAGAGAG 363
| | | | | | | | | | | | | | | | | |

DB 18 GTGCAAGACTGAAGAG 1

RESULT 702
US-10-349-143-6082

Sequence 6082, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6082
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-8802 for SEQ 2148,
US-10-349-143-6082

Query Match 1.0%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 GACAGTGTGTGTAAAG 34
DB 1 GTCACTGTGTGTATCG 18

RESULT 703
US-09-925-388-30
Sequence 30, Application US/09925388
Publication No. US20030054523A1
GENERAL INFORMATION:
APPLICANT: HOSHINO, Tatsuo
APPLICANT: OJIMA, Kazuyuki
APPLICANT: SETOGUCHI, Yutaka
TITLE OF INVENTION: ISOPRENOL PRODUCTION
FILE REFERENCE: ISOPRENOL PRODUCTION
CURRENT APPLICATION NUMBER: US/09/925,388
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/306,595
PRIOR FILING DATE: 1999-05-06
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Sense primer
US-09-925-388-30

Query Match 0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1170 GAAGAGGTAGAGAAA 1185

Db 2 GAAGAGGAAGAGAAA 17

RESULT 704
US-10-431-846-30
; Sequence 30, Application US/10431846
; Publication No. US20030190734A1
; GENERAL INFORMATION:
; APPLICANT: HOSHINO, Tatsuo
; APPLICANT: OJIMA, Kazuyuki
; APPLICANT: SETOGUCHI, Yutaka
; TITLE OF INVENTION: ISOPRENOID PRODUCTION
; FILE REFERENCE: ISOPRENOID PRODUCTION
; CURRENT APPLICATION NUMBER: US/10/431,846
; PRIOR FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: US/09/925,388
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/306,595
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sense primer
; OTHER INFORMATION: for cloning of 5'-adjacent region of MVK gene
US-10-431-846-30

Query Match 0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1170 GAAGAGGTAGAGAAA 1185
Db 2 GAAGAGGAAGAGAAA 17

Search completed: October 12, 2005, 14:19:42
Job time : 16 secs

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